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Carol Kim, assistant professor of biochemistry, microbiology and molecular biology, takes a close look at a system of more than 150 aquaria, equipped with a recirculating water supply and ultra-violet light disinfection, for zebra fish. Kim has laid the groundwork for expansion of the zebra fish culture facility in Hitchner Hall. When complete, the new facility will house 588 tanks. See story, page 9.

Photo by Monty Rand

10-Year Plan for Campus Parking, Traffic Drafted

An ad hoc committee is taking public comment this month on a draft of its 10-year traffic and parking management plan for the University of Maine that includes four scenarios involving such aspects as raising parking permit fees, establishing a shuttle bus service and constructing a parking garage.

The Ad Hoc Traffic and Parking Planning Committee expects to forward a final recommendation to UMaine President Peter Hoff in January that will be a composite of the best aspects of the four scenarios. At this point, all that is certain is that the heart of campus will be restricted to pedestrians, bicycles and emergency vehicles; and parking and traffic on campus will undergo immediate changes to meet Maine Department of Transportation requirements. All the changes have associated costs that must be borne either by the institution or end-users.

The specifics of the final recommendations on parking and traffic depend on input from the University community, says Chet Rock, chair of the Ad Hoc Committee, which posted the draft management plan to a Website (www.umaine.edu/adhoctraffic&park/default.htm) and to FirstClass (in the Campus Conversations Discussions folder).

To date, that feedback has been slow in coming.

"Keeping in mind recent student complaints that they are not informed, we created two venues

for communicating the draft plan," says Committee member Sean Murphy, a graduate student who created the Website. "But even though parking has become a quality of life concern for students and is considered by many to be the No. 1 issue to resolve on campus, we have had less than a dozen comments on the plan in the first two weeks it was posted.

"After the long debates last spring and summer concerning parking on campus, it's discouraging not to have input now from the student body when it could matter most."

The committee has drawn up four possible "parking scenarios" that could be implemented in the next decade:

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In Perspective

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As a service to the University community, costs of producing Maine Perspective are underwritten by University Printing Services.



UMaine Moving to Electronic Theses and Dissertations

For the past year, Fogler Library and the Graduate School have provided University of Maine graduate students with the opportunity to convert their theses and dissertations to digital format and make them accessible through the Web. Beginning this fall, two departments will make the electronic format mandatory.

The Department of Spatial Information Science and Engineering and the Computer Science Department are requiring their graduate students to submit theses and dissertations electronically. Other departments are considering implementing similar requirements. The digitized publications will be accessible through Fogler Library's Electronic Theses and Dissertations (ETD) database, and linked to a national digital library of theses and dissertations, accessible via the Internet.

The University of Maine's ETD project is the first in the state, and is part of the ongoing leadership Fogler Library provides in information technology. It also advances the graduate education program that the Graduate School is advocating – one that will move students and their research publications into the digital age.

"Encouraging graduate students to make use of new technologies is complementary to the advanced, cutting-edge training that takes place at the graduate level," says Graduate School Director Scott Delcourt. "It also is an advantage for students to provide wider access to their work."

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Fogler Facing Tough Decisions Because of Lack of Space

Fogler Library is facing two space problems in the bound journal area. Solutions to these problems will probably require that public access be restricted to most of the bound journals, according to Sam Garwood, assistant University librarian.

The bound journal shelving (part of level 1 and all of levels 1B, 2 and 2B in the core stacks) is now 96 percent full, which is well beyond working capacity. Although there are scattered empty shelves, range after range has every shelf full. The library now has more than 100 newly bound journal volumes that cannot be shelved because there are no nearby spaces on the shelves where they belong, and there is not the staff to shift dozens or hundreds of existing volumes to shelve one new volume where it belongs.

In addition, because of changes in the building, and in fire and accessibility requirements over the years, the library must close levels 1B and 2B to public access. This could happen as early as January or as late as next summer. These two levels hold approximately 60 percent of all bound journal volumes. When these areas are closed, library staff will have to page (retrieve) all volumes on demand. This means less convenience for library users and a need to increase staffing levels.

According to Fogler officials, the long-term solution is to build a library addition. Initial planning efforts are under way, but it appears that completion of a library addition is at least five-seven years away. The library is requesting that Carnegie Hall

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MAINE PERSPECTIVE PUBLISHING SCHEDULE

Nov. 15 (copy deadline Oct. 29);

Nov. 29 (copy deadline Nov. 12); Dec. 13 (copy deadline Nov. 24)



Among the dignitaries on hand last month for a groundbreaking ceremony for The University of Maine Hutchinson Center of Belfast were, left to right, Shane Flynn, vice chair and CEO of MBNA Marketing Systems; UMaine President Peter Hoff; former UMaine President Fred Hutchinson; and U.S. Representative John Baldacci.

Photo by Monty Rand

UMaine, MBNA Announce New Hutchinson Center in Belfast

The University of Maine will establish a new education center in Belfast to provide opportunities to pursue a college education, professional development, lifelong learning, community education and cultural programming for people in the midcoast region.

MBNA, through its MBNA Education Foundation, is providing the building and land for the new center, to be located on Route 3 in Belfast, contiguous with MBNA's Northeastern Regional headquarters. UMaine will provide the faculty and will manage the facility under a lease agreement with MBNA.

The new facility will be called The University of Maine Hutchinson Center of Belfast, named in honor of former UMaine President Fred Hutchinson.

Construction of the new 19,500-square-foot building is expected to be completed next summer. Preliminary plans call for the facility to include eight classrooms, a 124-seat auditorium, and a state-of-the-art telecommunications system.

UMaine expects to begin offering degree and non-degree courses in Belfast in September 2000. ▲

MAINE Perspective

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MAINE Calendar

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of The University of Maine faculty, staff or student body. Send notices of upcoming campus events to: University of Maine Master Calendar, Public Affairs. For the most up-to-date calendar listings, go to the Master Calendar Website: calendar.umaine.edu or call 581-3745.

NOVEMBER 3 – 20

3 Wednesday

Classified Employees Advisory Council (CEAC) Meeting, 11 a.m.-12:30 p.m., Nov. 3, Bangor Lounge, Union.

Canadian Lecture Series Brown Bag Lunch, featuring presentations by faculty and graduate students, part of Canada Week and International Week, noon-1:30 p.m., Nov. 3, Bodwell Lounge, Maine Center for the Arts.

East-West Highway Forum, with Timothy Woodcock, president, Maine Citizens for Increased Jobs and Safety; Charlie Colgan, USM Muskie Center; Edward Farren, Intergovernmental Affairs, City of St. John, New Brunswick; Richard Mueller, moderator, part of Canada Week and International Week, 2-3:30 p.m., Nov. 3, Bodwell Lounge, Maine Center for the Arts. x4220. *A Maine Time Event.*

Study Skills Program - Test Taking, part of the Study Skills Series, offered by Multicultural Student Affairs, 2:15-3 p.m., Nov. 3, FFA Room, Union. x1405. *A Maine Time Event.*

"Divided Passions: Abortion and the Death Penalty in the U.S.," by Kimberly Cook, USM assistant professor of criminology and author of *Divided Passions: Public Opinion on Abortion and the Death Penalty*, a Department of Sociology Colloquium, 3:15-5 p.m., Nov. 3, Sutton Lounge, Union. x2380.

"The Internet in the College Classroom: Collaboration or Collision?" a campus discussion with Harlan Onsrud, Elise Turner, Melvin Johnson, Jennifer Daye, Leslie King and Fiona Ruthven, moderated by John Sherblom, offered by Friends of Fogler Library, 3:15 p.m., Nov. 3, Special Collections, Fogler Library. x1666.

Performance by Paula Poundstone, offered by Eastern Maine Healthcare, part of Women's Week activities, 7 p.m., Nov. 3, Hutchins Concert Hall. Admission fee. x1755.

"Women Composers," featuring the Athena Consort and performances by faculty members, directed by Laura Artesani, part of the School of Performing Arts Season, 7:30 p.m., Nov. 3, Minsky Recital Hall. Admission fee. x1755.

4 Thursday

Adobe Illustrator II, a Fogler Library Web/Desktop Publishing Workshop, 9-11 a.m., Nov. 4, Computer Classroom, Library. Register by calling x1696.

"Acadians in Maine," by Don Cyr, director of the Maine Acadian Culture Project and adjunct faculty, University of Maine at Presque Isle, offered by the Canadian-American Center with AAUW, part of International Week, 10-11:30 a.m., Nov. 4, Page Farm and Home Museum. x4220.

Maritime Luncheon, offered by the Canadian-American Center with AAUW, part of International Week, noon-1 p.m., Nov. 4, Bodwell Lounge, Maine Center for the Arts. Reservations required/fee. x4220.

"Kosovo, Serbia, NATO and the United States," by Jovana Davidovic, Doug Allen and Michael Howard, part of the Socialist and Marxist Studies Luncheon Series, 12:30 p.m., Nov. 4, Bangor Lounge, Union. x3860.

"Academic Advising: Campus Collaboration to Foster Retention," a presentation by the National Academic Advising Association, presented via satellite, offered by the Office of the Vice Provost for Undergraduate Education, 1 p.m., Nov. 4, 102 Murray Hall. Call x1519 to reserve a seat.

"Downeast Food: Its Historical Importance," by Sandra Oliver, food historian and author of *Saltwater Foodways*, offered by the Canadian-American Center with AAUW, part of International Week, 1-1:45 p.m., Nov. 4, Bodwell Lounge, Maine Center for the Arts. x4220.

"Maritime Mincemeat," presentation and demonstration by Sandra Oliver, food historian and author of *Saltwater Foodways*, offered by the Canadian-American Center with AAUW, part of International Week, 2:30-3 p.m., Nov. 4, Page Farm and Home Museum. x4220.

Canada in the Classroom, the Canadian-American Center's after school workshop for K-12 teachers, featuring the pilot middle school program Researching Canada, offered by the Canadian-American Center with AAUW, part of International Week, 3-5:30 p.m., Nov. 4, Bodwell Lounge, Maine Center for the Arts. x4220.

Fourteenth Maryann Hartman Awards Ceremony, honoring Donna Loring, Glenna Smith and Esperanza Stancioff, 5 p.m., Nov. 4, Wells Conference Center. x1228.

Women's Basketball: Exhibition Game, 7:30 p.m., Nov. 4, Alford Arena. Admission fee. xBEAR.

5 Friday

"Songs, Stories and the Island Community," by Sandy Ives and friends, part of the second annual Folk Traditions Festival, noon-1:30 p.m., Nov. 5, Bangor Lounge, Union. x1891.

Brown Bag Discussion for New Faculty, facilitated by Polly Karris and Ann Schonberger, offered by the Center for Teaching Excellence, 2-3 p.m., Nov. 5, FFA Room, Union. x3472. *A Maine Time event.*

"Plasticity of Resource Allocation to Reproduction: Embryo Nourishment and the Evolution of Matritrophy in Live Bearing Fishes," by Joel Trexler, Florida International University, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., Nov. 5, 102 Murray Hall. x2970.

Poetry Reading by George Elliott Clarke, author of *Fire on the Water: An Anthology of Black Nova Scotian Writing*; *Lush Dreams*, *Blue Exile*; *Fugitive Poems 1978-1993*; and *Whylah Falls*, offered by the Canadian-American Center and the English Department, part of International Week, 4-5:30 p.m., Nov. 5, Writing Center, Neville Hall. x4220.

Grand Gala Opening of the Annual Faculty Exhibition Dialogue, a Museum of Art exhibit, 5-7 p.m., Nov. 5, Carnegie Hall. x3255.

Men's Ice Hockey: UMaine vs. Northeastern, 7 p.m., Nov. 5, Alford Arena. Admission fee. xBEAR.

"An Evening from Prince Edward Island," with performances by Crowbush, Hold the Haggis and Friends, part of the second annual Folk Traditions Festival, 8 p.m., Nov. 5, Minsky Recital Hall. x1891.

6 Saturday

YAK Youth Adventure Club Session 2, for ages 9-12, topic: Outdoor Survival Skills, offered by Maine Bound, 8:30 a.m.-4 p.m. Registration. x1794.

Red Cross Emergency Assistance to Families II (Training), offered by VOICE, 9 a.m.-5 p.m., Nov. 6, Walker Room, Union. Registration required by calling 941-2903.

Storytelling by John Bear Mitchell, part of the Hudson Museum Just for Kids series, 10 a.m., Nov. 6, Hudson Museum, Maine Center for the Arts. Admission fee. x1901.

Football: UMaine vs. James Madison, 1 p.m., Nov. 6, Alford Stadium. Admission fee. xBEAR.

Prince Edward Island Fiddle/Mandolin Workshop, 1-3 p.m. and 3-5 p.m., part of the second annual Folk Traditions Festival, Nov. 6, Class of 1944 Hall. x1891.

Prince Edward Island Piano/Guitar Accompaniment Workshop, 1-3 p.m. and 3-5 p.m., part of the second annual Folk Traditions Festival, Nov. 6, Class of 1944 Hall. x1891.

Prince Edward Island Step Dance Workshop, from 1-3 p.m. and 3-5 p.m., part of the second annual Folk Traditions Festival, Nov. 6, Class of 1944 Hall. x1891.

Prince Edward Island Traditional Song Workshop, from 1-3 p.m. and 3-5 p.m., part of the second annual Folk Traditions Festival, Nov. 6, Class of 1944 Hall. x1891.

Celidh, featuring catered buffet supper at 6 p.m.; music, dancing and singing Prince Edward Island-style led by Crowbush and Hold the

Haggis from 7-9 p.m.; dance with music provided by The Chaisson Family, part of the second annual Folk Traditions Festival, 6 p.m., Nov. 6, Wells Conference Center. Admission fee. x1891.

7 Sunday

Men's Ice Hockey: UMaine vs. Providence, 2 p.m., Nov. 7, Alford Arena. Admission fee. xBEAR.

Annie - The Musical, part of the Maine Center for the Arts performance season, 3 p.m. and 7 p.m., Nov. 7, Hutchins Concert Hall, Maine Center for the Arts. Admission fee. x1755.

8 Monday

Registration for Spring 2000 Begins, Nov. 8.

Ongoing Events

Exhibits/Demonstrations/Tours

Dialogue: The 1999 Department of Art Faculty Exhibition, a Museum of Art exhibit, through Dec. 18, Carnegie Hall. x3255.

Monhegan Island, a Bangor Art Society exhibit, through Jan. 11, Chadbourne Hall. x3306.

Images for Eternity: Mexican Tomb Figures and Retablos, a Hudson Museum exhibit, through May 14, Maine Center for the Arts. x1901.

Meetings of Groups/Organizations

Circle K meets every Monday, 6:30-7:30 p.m., Bangor Lounge, Union. x7818.

Foreign Language Tables: Monday - French; Tuesday - Russian; Wednesday - German; Thursday - Spanish, noon-1 p.m., 207 Little Hall. x2073.

Gay, Lesbian, Bisexual, Transgendered Discussion Group meets every Monday, 2-3 p.m., Old Town Room, Union. x1406.

International Coffee Hour, every Friday, 4-5 p.m., Peabody Lounge, Union. x2905.

Maine Peace Action Committee (MPAC) meets every Sunday, 7 p.m., beginning Sept. 12, Maples. x3860.

Maine Time Conversations, every Wednesday, 2-3 p.m., Bangor Lounge, Union. x1734.

Muslim Prayer, noon-2 p.m., every Friday, Drummond Chapel, Union. x3449.

Open Office Hour with Interim Provost Don Zillman, every Thursday, 9 a.m., 201 Alumni Hall.

The Union Board (TUB) meets every Wednesday, 6:30 p.m., Totman Lounge, Union. x1735.

Women's Self-Defense Workshop, by Deb Mitchell, every Thursday, 5:30-8:30 p.m., through Dec. 2, Doris Twitchell Allen Community Center. x4036.

Special Notes

Farmers' Market, 8 a.m.-1 p.m. every Saturday (except Nov. 27) through Dec. 18, Page Farm and Home Museum.

"A Role for Fish Ecology in the Management and Restoration of the Florida Everglades," by Joel Trexler, professor, Florida State University, part of the Wildlife Ecology Seminar Series, noon, Nov. 8, 204 Nutting Hall. x2862.

Women of the World Lunch, focusing on American Thanksgiving, noon, Nov. 8, Church of Universal Fellowship, 82 Main St., Orono. x2905.

Women's Basketball: Exhibition Game, 7:30 p.m., Nov. 8, Alford Arena. Admission fee. xBEAR.

9 Tuesday

Chemistry Seminar by Eric Peterson, Bowdoin College, part of the Chemistry Seminar Series, 11 a.m., Nov. 9, 316, Aubert Hall. x1169.

"Open Secrets: Rereading Peyton Place," by Ardis Cameron, director of American and New England Studies, USM, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Nov. 9, Bangor Lounge, Union. x1228.

FileMaker (Claris) HomePage II, a Fogler Library Web/Desktop Publishing Workshop, 2-4 p.m., Nov. 9, Computer Classroom, Fogler Library. Register by calling x1696.

"Is Managed Care Manageable?" by King Davis, professor of public mental health policy and planning at Virginia Commonwealth University School of Social Work, and UMaine Visiting Libra Professor to the College of Business, Public Policy and Health, 4-5:30 p.m., Nov. 9, Soderberg Center, Jenness Hall. x2386.

Outdoor Seminar - Field Stove Repair, offered by Maine Bound, 5-6 p.m., Nov. 9. Registration. x1794.

10 Wednesday

PhotoShop II, a Fogler Library Web/Desktop Publishing Workshop, 10 a.m.-noon, Nov. 10, Computer Classroom, Fogler Library. Register by calling x1696.

"Reaching Reluctant Readers: A Comparison of Experiences and Strategies of Engaged Readers with Those of Reluctant Readers," by Jeff Wilhelm, part of the Department of Communication Sciences and Disorders Fall Colloquium series, 5:15-6 p.m., Nov. 10, 100 Neville Hall. x2006.

"Israel: Peace and War," by Amos Oz, professor, Agnon Chair of Hebrew Literature Ben-Gurion University of the Negev, Beer-Sheva, a Minsky Family Fund for Judaic Studies lecture, 7 p.m., Nov. 10, Devino Auditorium, Corbett Business Building. x1954.

11 Thursday

University of Maine Open House, coordinated by New Student Programs, Nov. 11, Maine Center for the Arts. x1826.

"So How Well Is the College Curriculum Recognizing Social and Economic Class? Bring Your Own Experience!" by UMaine Visiting Diversity Libra Professor Peggy McIntosh, associate director of the Wellesley Center for Research on Women, part of the Socialist and Marxist Studies Luncheon Series, 12:30 p.m., Nov. 11, Bangor Lounge, Union. x3860.

End of Second Third of Semester for Withdrawals, 4:30 p.m., Nov. 11.

Jazz Ensemble in Concert, directed by Karel Lidral, part of the School of Performing Arts Season, 7:30 p.m., Nov. 11, Minsky Recital Hall. Admission fee. x1755.

Performance by John Deere Liquifire 440, part of Thursday Night at the Bear's Den series, 9 p.m., Nov. 11, Union. x1735.

12 Friday

Department of Biological Sciences Seminar by David Malloch, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., Nov. 12, 102 Murray Hall. x2970.

Men's Basketball: Exhibition Game with Connecticut Diamonds, 7:30 p.m., Nov. 12, Alford Arena. Admission fee. xBEAR.

Performance by the Lakota Sioux Indian Dance Theatre, part of the Maine Center for the Arts performance season, 8 p.m., Nov. 12, Hutchins Concert Hall. Admission fee. x1755.

Performance by Comedian Butch Bradley, offered by The Union Board, 9 p.m., Nov. 12, Damn Yankee, Union. x1735.

13 Saturday

YAK Youth Adventure Club Session 2, for ages 9 - 12, topic: Outdoor Survival Skills, offered by Maine Bound, 8:30 a.m.-4 p.m., Nov. 13. Register by calling x1794.

"Introduction to Animation," part of the Hudson Museum Just for Teens series, for ages 12 and up, noon-4 p.m., Nov. 13, Hudson Museum, Maine Center for the Arts. Admission fee. x1901.

Volleyball: UMaine vs. Hartford, 1 p.m., Nov. 13, Gym. x2327.

Women's Ice Hockey: UMaine vs. Princeton, 3 p.m., Nov. 13, Alford Arena. xBEAR.

14 Sunday

Volleyball: UMaine vs. Northeastern, 1 p.m., Nov. 14, Gym. x2327.

Bangor Symphony Orchestra Concert, featuring works by Mozart and Beethoven, 3 p.m., Nov. 14, Hutchins Concert Hall. Admission fee. Pre-concert preview by David Klocko, 2 p.m., Minsky Recital Hall. 942-5555.

Women's Ice Hockey: UMaine vs. Yale, 3 p.m., Nov. 14, Alford Arena. xBEAR.

15 Monday

Wildlife Seminar by John Hagan, research scientist for Manomet Conservation Sciences, part of the Wildlife Ecology Seminar Series, noon, Nov. 15, 204 Nutting Hall. x2862.

Women's Basketball: UMaine vs. Boston College, 7:30 p.m., Nov. 15, Alford Arena. Admission fee. xBEAR.

16 Tuesday

"Sources, Biosynthesis and Functions of Mycosporine-like Amino Acids, Natural UV Screens in Marine Organisms," by Malcolm Shick, part of the Chemistry Seminar Series, 11 a.m., Nov. 16, 316 Aubert Hall. x1169.

"Diversity: A Pioneer Journalist Reflects on Its Peril," by *Washington Post* reporter Dorothy Gilliam, director of the *Post's* Young Journalists Development Project, and UMaine Diversity Libra Professor, 12:15 p.m., Nov. 16, Bangor Lounge, Union. x1228.

FrontPage II, a Fogler Library Web/Desktop Publishing Workshop, 2-4 p.m., Nov. 16, Computer Classroom, Fogler Library. Register by calling x1696.

"Diversity in the Newsroom and the Classroom: Common Challenges," by *Washington Post* reporter Dorothy Gilliam, director of the *Post's* Young Journalists Development Project, and UMaine Diversity Libra Professor, 6 p.m., Nov. 16, Wells Conference Center. Reservations required by Nov. 5 by calling x1281.

King Lear, performed by Aquila Theatre Company of London, part of the Maine Center for the Arts performance season, 7 p.m., Nov. 16, Hutchins Concert Hall, Maine Center for the Arts. Admission fee. x1755.

Percussion Ensemble in Concert, directed by Stuart Marrs, part of the School of Performing Arts Season, 7:30 p.m., Nov. 16, Minsky Recital Hall. Admission fee. x1755.

Coffeehouse with Louise Taylor, offered by The Union Board, 8 p.m., Nov. 16, Peabody Lounge, Union. x1735.

Performance by Live, with opening band CIBO MATTO, 8 p.m., Nov. 16, Alford Arena. Tickets on sale at Strawberries or by calling 1-800-4-PROTIX. For information, call x1738.

17 Wednesday

Faculty Senate Meeting, 3:15 p.m., Nov. 17, Dexter Lounge, Alford Arena. x1167.

"Observations of a Newcomer: A New Vice President Assays the Institution," with Richard Chapman, UMaine vice president for Student Affairs, part of the Professional Employees Advisory Council brown bag lunch series, noon, Nov. 17, Bodwell Lounge, Maine Center for the Arts.

"Limits to Health Care and Accountability for Reasonableness," by Norman Daniels, Goldthwaite Professor and former chair of the Tufts Philosophy Department and professor of medical ethics, Tufts Medical School, and UMaine's John M. Rezendes Ethics Lecturer, offered by the Department of Philosophy, 4 p.m., Nov. 17, Bangor Lounge, Union. x3861.

"Diversity's Promise, Process and Product," by *Washington Post* reporter Dorothy Gilliam, director of the *Post's* Young Journalists Development Project, and UMaine Diversity Libra Professor, 7 p.m., Nov. 17, Minsky Recital Hall. x1283.

When You Comin' Back, Red Ryder? a Maine Masque Production, directed by Sandra Hardy, part of the School of Performing Arts Season, 7:30 p.m., Nov. 17, Hauck Auditorium. Admission fee. x1755.

18 Thursday

"Why Justice Is Good for Our Health," by Norman Daniels, Goldthwaite Professor and former chair of the Tufts Philosophy Department and professor of medical ethics, Tufts Medical School, and UMaine's John M. Rezendes Ethics Lecturer, part of the Socialist and Marxist Studies Luncheon Series, 12:30 p.m., Nov. 18, Bangor Lounge, Union. x3860.

"Democratic Equality," by Norman Daniels, Goldthwaite Professor and former chair of the Tufts Philosophy Department and professor of medical ethics, Tufts Medical School, and UMaine's John M. Rezendes Ethics Lecturer, 4 p.m., Nov. 18, Levinson Room, Maples. x3860.

Outdoor Seminar - Outdoor Careers, offered by Maine Bound, 5-6 p.m., Nov. 18. Register by calling x1794.

Wood engravings and fine letterpress books by Siri Beckman of Stonington, adjunct assistant professor of art, are part of the newest Clark House Gallery show, *Deer Isle: Seven Artists*. The show of drawings, prints, books, assemblages and jewelry is on display through Nov. 27. Clark House Gallery, 128 Hammond St., Bangor, is open 11 a.m.-5 p.m., Wednesday-Saturday.

Symphonic Band in Concert, directed by Curvin Farnham, part of the School of Performing Arts Season, 7:30 p.m., Nov. 18, Hutchins Concert Hall. Admission fee. x1755.

When You Comin' Back, Red Ryder? a Maine Masque Production, directed by Sandra Hardy, part of the School of Performing Arts Season, 7:30 p.m., Nov. 18, Hauck Auditorium. Admission fee. x1755.

19 Friday

"The Indirect Effects of Macroalgae and Micropredation on the Post-Settlement Success of the Green Sea Urchin in Maine," an oral exam by Douglas McNaught, candidate for Ph.D. in oceanography, 1 p.m., Nov. 19, Darling Center.

"Molecular, Morphological and Ontogenetic Evaluation of Relationships and Evolution in the Rosaceae," by Rodger Evans, part of the Department of Biological Sciences Seminar Series, 3:10 p.m., Nov. 19, 102 Murray Hall. x2970.

Men's Ice Hockey: UMaine vs. UMass-Lowell, 7 p.m., Nov. 19, Alford Arena. Admission fee. xBEAR.

When You Comin' Back, Red Ryder? a Maine Masque Production, directed by Sandra Hardy, part of the School of Performing Arts Season, 7:30 p.m., Nov. 19, Hauck Auditorium. Admission fee. x1755.

20 Saturday

YAK Youth Adventure Club Session 2, for ages 9 - 12, topic: Outdoor Survival Skills, offered by Maine Bound, 8:30 a.m.-4 p.m., Nov. 20. Register by calling x1794.

INT491: A MIDWIFE'S TALE 1999-2000 CLASS BOOK WEB COURSE

INT491, which begins Jan. 7, will investigate the concept of "social web" as introduced in the 1999-2000 University of Maine Class Book, *A Midwife's Tale: The Life of Martha Ballard, Based on Her Diary, 1785-1812*. The "social web" is a metaphor to describe how the late 18th-century community of Hallowell was woven together by the intricate warp and woof of social relations documented in Ballard's diary and contextualized and interpreted by historian Laurel Thatcher Ulrich.

Using primary, secondary and fictional sources, an interdisciplinary group of faculty focus on ethical decision-making and lead students through an investigation of the legal, social, and spiritual issues attendant upon womanhood, women's work and reproduction in Ballard's time and today. (Satisfies General Education Requirements in ethics, human values and social context, cultural diversity and international perspectives, and social context and institutions requirements.) 3 credit.

INT491 Faculty: Tina Passman, Harvey Kail, Carol Toner, Mazie Hough, Betsy Beattie, Sandra Haggard, Judy Barrett Litoff, Liam Riordan and Jim Toner. Visit the Web Course at:

<http://webct.umaine.edu/public/INT491/index.html>

People in Perspective

Marcy Guillette can identify her friends by looking at any part of their bodies, "except maybe the feet, because they all have white below the knees," she says.

"But give me a side view, face or udders, and I could tell you who they are," she says.

Guillette, head of livestock management at the J.F. Witter Teaching and Research Farm, is responsible for 35 milking cows and 45 other Holsteins, 18 Angus cows, 28 horses and three sheep. She also oversees UMADCOWS – University of Maine Applied Dairy Cooperative Of Working Students.

UMADCOWS is a group of 13 students who run the dairy operation. In rotating shifts that begin at 3:30 a.m. for the first milking, with the second at 3 p.m., the students work with Guillette to learn skills ranging from animal care to business management.

"Marcy's our everyday in-depth manager," says Alex Ernst, president of UMADCOWS. "She is the first person we call whenever something goes wrong."

Whenever something breaks or isn't working properly, Guillette hears about it and tries to take care of it. But being handy can lead to some early mornings and long days for Guillette. The phone might start ringing a couple hours before the sun comes up, and not stop until almost midnight.

"I rely on her to do the hands-on stuff," says Charles Wallace, the advisor to the program and chair of the Biosystems Science and Engineering Department that oversees the farm. "She knows what she's doing and is a real asset to the program."

Guillette has spent her life around animals. She grew up on a dairy farm in Vermont, where she always had horses and learned to love being outdoors. At the University of Vermont, she was a member of CREAM (Cooperative for Real Education in Agricultural Management).

She graduated from UVM in 1997 with a degree in animal science and started working at UMaine that July. UMADCOWS began in January 1998. Guillette's experience with CREAM was critical in the formation of the similar program at UMaine.

"When we hired her, we knew we were going to do this (start a student dairy cooperative) with the cows," Wallace says. "She was one of the leaders in developing the program."

Now in its third semester, UMADCOWS is a successful venture. The milk produced is sold to AgriMark and, in turn, to



Marcy Guillette and Phoenix

Photo by Monty Rand

Garelick's Dairy. Students gain practical knowledge of animals. And Guillette is rewarded in her own way.

Her favorite cow is Catalina, who demonstrates her contentment by producing a whopping 12 gallons of milk daily. Catalina's "baby girl" born Valentine's Day is named Cupid.

"(Marcy's) in love with Catalina," Ernst says. "Everybody has their favorite cow, but Marcy always has to have the last word that Catalina is the best."

Guillette is able to keep her 11-year-old quarter horse, Phoenix, at the barn in conjunction with the equine program, which began in fall 1997.

In the equine program, there is a horse barn cooperative, allowing students to board their horses on the farm. Students then take turns with the chores and care of the horses.

The equine program also involves a retraining program. Retired harness racing horses are being donated to the University. (See related story below.) Guillette and the students are retraining the horses in the hopes of placing them back into the community as pleasure horses.

"These types of horses have a tendency to end up being destroyed," Guillette says. "We aren't only rescuing the horse. We are teaching students about equines at the same time."

UMaine's Venus of Milo Winning the Hearts of Students, Fans

UMaine has its own Venus of Milo – a race horse.

The 4-year-old standardbred takes its name not from the famous marble statue in the Louvre in Paris, but from the rising star in the women's tennis world.

This race season, it has earned purse money and set for itself a new lifetime mark.

Tom Kole of Milo, executive director of the Maine Harness Racing and Promotion Board, donated the horse to the University a year ago in recognition of UMaine's budding partnership with the harness racing industry. Since then, Venus has lived up to the stature of its name, earning three first-place, seven second-place, and four third-place finishes for the University. The filly also has a new best record with a 1:59.1 mile.

"Two minutes is the magic mark. If you've got a two-minute

mile, you've got a fast horse," Kole said.

Venus raced successfully as a 2- and 3-year-old, but Kole believed she'd better serve as a racing ambassador for UMaine.

When the University decided to race Venus this spring, she was trained by UMaine alumna Valerie Grondin, who earned a bachelor's degree in animal and veterinary science in 1994.

Venus, who now has quite a following down at the track, has won nearly \$5,000 in prize money this season. Its winnings cover training costs, and help support UMaine's equine program.

Venus came to the University through the efforts of Dr. Robert Causey, veterinarian and assistant professor of biosystems science and engineering, who contacted breeders, trainers and owners associated with the harness racing industry in the hopes of identifying retired race horses for the University's teaching and research programs.

continued on page 19

Three Ph.D. Interns Join Counseling Center Staff

Three new members of the University community this academic year are participating in the Counseling Center's Internship Program, which celebrates its 21st anniversary this semester.



Anne Bizub, Elizabeth Burns, Annie Bernier

The two doctoral students are Annie Bernier from the University of Laval and Elizabeth Burns from the University of Nebraska. Anne Bizub is gaining clinical training after receiving her Ph.D. from Duquesne University last year. Annually, more than 50 Ph.D. applicants, each with up to six years of graduate training, vie for the three clinical internships at UMaine's Counseling Center, one of 125 counseling center internship sites at colleges and universities throughout the country.

In the year-long clinical internships, doctoral students receive intensive professional training in consultation, prevention, emergency services, and individual and group work. In addition, they participate in various counseling programs and provide direct service to undergraduate and graduate students. In this practitioner-apprenticeship training model, the doctoral students work directly with the Counseling Center's six senior staff members.

"We are a training program outside academics that blends professional training with direct service to campus," says Alan Butler, training director and a member of the Counseling Center staff for 30 years. "The internship program raises the national and international visibility of the University."

The Counseling Center was established in 1969 and began its internship program a decade later. The Counseling Center Internship Program was the 10th in the nation to be accredited by the American Psychological Association.

As a full-service facility, the Counseling Center offers students in the University community consultation and prevention programming, as well as direct intervention. As a result of its holistic approach to helping students fulfill their potential, the Center contributes to a sense of community.

UMaine's Counseling Center Internship Program has more than 65 alumni from 40 states and Canada. Alumni include 14 former interns who received their Ph.D.s from their respective institutions and remained in Maine to pursue professional counseling careers in industry, private practice and community health settings, and on college campuses. On staff this year:

Annie Bernier of Quebec City is pursuing a Ph.D. in clinical psychology at Laval. Her focus is on understanding how personal and social features of counselor and client affect the therapeutic relationship in individual counseling. She plans to do clinical work while teaching and researching the therapeutic process.

Elizabeth Burns of Colorado Springs has concentrated on personality disorders and interpersonal theory in her doctoral work at the University of Nebraska. She plans to pursue her interests in assessment, consultation, therapy, and supervision of clinical students and interns.

Anne Bizub of Tenafly, N.J., earned a Ph.D. in clinical psychology from Duquesne. Her focus is on eating disorders, neuropsychology, couples/groups and more recently, health psychology. She plans to go into clinical practice and teach. ▲

Center Stage

School of Performing Arts

The Music of Women Composers

The second annual Women Composers concert will be at 7:30 p.m., Wednesday, Nov. 3, in Minsky Recital Hall.

Designed to complement the Women and Music course currently offered through Women's Studies, the concert will feature the Athena Consort, directed by Francis Vogt, music instructor, as well as students, local area musicians, and other faculty of the School of Performing Arts.

The program will include works by Amy Marcy Cheney Beach, Alma Mahler, Nadia Boulanger, Lili Boulanger, Alexandra Pakhmutova, Grazyna Bacewicz, Mary Ann Joyce Walter, and Binnette Lipper. It also will feature works by Beth Wiemann, assistant professor of music.

All That Jazz

The Jazz Ensemble will pay tribute to Ernie Wilkins, who died earlier this year, with a performance of his rhythm and blues-style composition, *Blues for Big "E"*, as part of their concert with the Jazz Combo Thursday, Nov. 11, in Minsky Recital Hall.

Student soloists will highlight each of the works in the performance at 7:30 p.m. The Jazz Ensemble and Jazz Combo are conducted by Karel Lidral, director of jazz studies and associate professor of music.

On the program are other works such as *Bird Count*, by Maria Schneider, with writing reminiscent of jazz bassist Charles Mingus; *Bone Voyage*, by Lennie Niehaus, featuring the trombone section; *Madelyn's Song*, written by Matt Harris for his daughter; *Nostalgia in Times Square*, by Charles Mingus and arranged by baritone saxophonist Ronnie Cuber, recorded by the Mingus Big Band; *Rhythm Me This*, by Doug Beach, based on the chord progression of George Gershwin's *I Got Rhythm*; and *Take the "A" Train*, Billy Strayhorn's landmark composition, arranged by Don Sebesky, that opened concerts by the Duke Ellington Orchestra for close to 50 years.

All of the UMaine Jazz Combo charts were arranged by Chicago pianist/composer/arranger Frank Mantooth, and include four compositions by the great tenor saxophonist John Coltrane.

Between Day and Night - and Other Percussion

Eight members of the Percussion Ensemble will give musical voice to that blue-gray time between day and night in a performance of *Ziwschen Tag und Nacht* by Nebojsa Jovan Zivkovic, one of six works on the Tuesday, Nov. 16 program.

In one part of *Ziwschen Tag und Nacht* (*Between Day and Night*), the non-traditional, time-based notation requires the musicians to be coordinated by stopwatches. The intricate work also contains a style called "night-music," with musical depiction of night sounds using such instruments as wind chimes and bird calls. Even the lighting is part of the work.

The 7:30 p.m. concert in Minsky Recital Hall, under the direction of Associate Professor of Music Stuart Marrs, also will include: *Tutti i battuti, tutto il tempo* by Assistant Professor of Music Beth Wiemann, a study for non-pitched percussion instruments in unison rhythms, with sections in which the musicians play as one person, then competing; *Marimba Phase* by Steve Reich, featuring ever-changing harmonic combinations that can sound as though the musicians are actually moving around in the hall; *Jovial Jasper* by George Hamilton Green, arranged by Bob Becker, in the genre of xylophone rags; *Eine Kleine Marimbamusik* by Amadeus Mozart; and *Toca Bonito* by Henrik Beck, "salsa" for Percussion Ensemble.

Wireless Laptops Available for Use by Library Patrons

Books aren't the only sources of information that can be checked out at Fogler Library. Beginning this month, library patrons can now sign out one of eight wireless laptop computers, equipped with the latest software, a Web browser and FirstClass.

The three-hour loans of laptops are the latest information technology tools offered by Fogler as it evolves into a digital library.

Funding for the pilot project came from a \$2.5 million bond referendum to the University of Maine System in 1998. A significant portion of the monies allocated to Fogler were used to enhance access for the public, including support for wireless technology, the purchase of state-of-the-art multiformat workstations for the library's computer clusters, and an assisted-access workstation for persons with hearing and visual disabilities.

"Fogler is on the verge of a major digital library initiative," says Gene Daigle, library network coordinator. "Part of that initiative is to deliver information at any time to anyone enrolled at UMaine, wherever they may be.

"With more resources being moved to digital format, laptops like this offer easier access for students, faculty and staff," he says. "Also, providing loaner laptops is an attempt to push wireless technology forward, encouraging patrons to buy wireless cards for ethernet access on their own laptops and use them as easily as they now use the phones in their homes or offices."

The eight Digital laptop computers, loaded with Office 2000 software, can be signed out of the Listening Center with a MaineCard and driver's license. The library's second and third floor, and part of the first, have been equipped with the antennas and receiver-transmitters necessary for the wireless technology, providing users full ethernet speed comparable to that of a hard-wired network. Currently, the laptops are functional on the network within 100 feet of the library's exterior.

Fogler officials will submit a proposal to the Academic Computing and Advisory Committee (ACAC) this academic year, seeking funding to expand wireless technology with an antennae on the roof of the library.

The library now has two types of computer clusters. One is Information Technologies' general purpose cluster, located behind the reference area. Fogler maintains research clusters in the reference, and in the science and engineering areas. In addition, eight study cubicles in the library are hard-wired to provide laptop connections to users with their own laptops.

Printing from all the computers in the library, including the wireless, is done in the clusters.

"Eight wireless laptops don't put a dent in the shortage of public computer resources for students on campus," says Daigle. "But through this pilot project, we hope to show the feasibility of the technology."

Wireless technology can meet short-term needs for access to digital information in a particular location, or it can be used to equip other study areas on campus that are not hard wired. The biggest advantage of wireless versus hard-wire technology is in the price.

"The least expensive way to make access widely available is to allow students to buy wireless cards," says Daigle. "Dartmouth has already done this in its library and on a large scale throughout its campus. Some colleges have taken to wiring every seat in an auditorium. Instead of that, at UMaine we could use wireless technology in place of hard-wiring, where it makes sense to do so. I could see in the future that there might be a large block of these around campus as an alternative to expanding public clusters." ▲



Debra Wright

Photo by Monty Rand

New Book Offers Photographic Trip Down UMaine's Memory Lane

The first 75 years of the University of Maine are illustrated in a new pictorial history compiled by UMaine alumni Bob Briggs and Debra Wright.

The University of Maine contains more than 200 archival photos from Fogler Library's Special Collections and the Maine Historic Preservation Commission. It

is produced by Arcadia Publishing, which features the Images of America series, chronicling the history of more than 600 communities in black and white photos.

One of the books in the Images of America series, *Around Hallowell*, was written by Briggs, a bookstore owner in Gardiner and correspondent for the *Kennebec Journal* for six years.

Briggs and Wright, his cousin, began work on the UMaine book last January. In Special Collections, they sorted through thousands of historical photos, winnowing out those that best represented the years 1865-1940 in five categories: beginnings, student life, campus views, sports, and events and organizations.

"Our goal was to get some of those beautiful old photos from the library out where people can see them," says Wright, who graduated from UMaine with a degree in English. "It was like making discoveries in grandmother's attic."

Wright has been a UMaine employee for the past 14 years, most recently in the MaineCard office. Despite the years spent at her alma mater, Wright says this project heightened her knowledge of UMaine history and the people who helped build it.

"I walk around campus now and look at the buildings differently, knowing more about the people for whom they're named," she says. "I have a lot more respect and admiration for the campus. The history gives the University buildings character."

Briggs and Wright took advantage of existing resources, including *History of the Maine State College and the University of Maine* by former UMaine's first president Merritt Fernald; *The First Century: A History of the University of Maine, 1865-1965* by UMaine history professor David Smith; and *University of Maine: A Sports History*, by Jennifer Cratty, Jessica Carpenter and Shannan Danforth. Information about the photos also came from archived copies of *Prism* and *Maine Campus*.

"I hope this book provides for students something I didn't have," says Briggs, a member of the Class of '80 who first learned of UMaine's extensive, high-quality photo archives when he returned to campus as an alumnus one Homecoming weekend. "My years at the University were happy ones. But in retrospect, I wish I had known more of the history of the University than I do now. I would have appreciated my experience more."

The book is dedicated to Fernald, whom Briggs describes as a hero. The book's introduction is by Gov. Angus King. ▲

The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Tanks Full of Zebras

Within the next few months, Maine scientists will have better access to one of the most important new models for biological and medical research as a result of a Marine Technology Fund grant from the Maine Science and Technology Foundation.

The \$198,084 grant was announced in August, with an equivalent amount in University of Maine matching funds, for a total of \$396,178. The project will involve expansion of the zebra fish culture facility in Hitchner Hall and installation of environmentally controlled chambers.

Carol Kim, assistant professor of biochemistry, microbiology and molecular biology, has already laid the groundwork for the fish facility expansion by creating a system of about 152 aquaria equipped with a recirculating water supply and ultra-violet light disinfection. When the new facility is complete, it will house 588 tanks.

The facility on the first floor of Hitchner Hall hums with the sound of pumps and water flowing through plastic pipes. Each clear plastic aquarium has a capacity of about two gallons and is set on shelves supported on a floor-to-ceiling rack. Kim's rapidly growing zebra fish stock will become the basis for research by at least 10 faculty at UMaine, as well as scientists at other institutions in the state.

In addition to the fish facility, the grant will be used to purchase approximately six walk-in environmental chambers to be located in Murray and Hitchner halls. Sara Lindsay of the School of Marine Sciences, is the co-PI on the grant and will coordinate that effort. The chambers will enable scientists to grow plants and animals, including zebra fish, under strictly controlled conditions of light, humidity and temperature.

Most of the chambers will support marine research, such as studies of the effect of UV light on marine algae, sea urchins, sea anemones and other invertebrates; reproductive biology of marine algae; behavior and sensory biology of marine invertebrates; quantitative genetics of marine invertebrates; and toxicology studies of the effects of environmental contaminants on softshell clams and other marine animals.

"Most of these research projects focus on species in the Gulf of Maine," says Lindsay. "The chambers will let us create rooms with controlled lighting and temperature to mimic conditions in the Gulf of Maine. They will also be available to support other research projects (e.g., studying fungal infections of blueberry plants), and to support teaching laboratory needs."

Zebra fish have several advantages for research and teaching, says Kim: a high reproductive rate, hardiness under laboratory conditions and, perhaps most importantly, a clear embryo in which developing cells can be easily seen through a microscope.

During her graduate work at Cornell, Kim studied retroviruses, a class of viruses that includes HIV. She focused on their interaction with cells and their ability to replicate. During post-doctoral work at Oregon State University, she specialized on viruses affecting fish.

This past summer, Kim worked in the Harvard Medical School laboratory of Len Zon, one of the world's experts in zebra fish culture and research.

Kim is currently collaborating with other UMaine researchers, including Rebecca Van Beneden, Dorothy Croall, Keith Hutchison, Michael Vayda and Robert Cashon, on developing plans for a large mutagenesis project. The aim is to create lines of fish that exhibit specific mutations, much as researchers use fruit flies and mice to study the molecular basis for diseases. Once

such lines are created, researchers will need to keep them isolated.

"Zebra fish are becoming one of the hot new models for studying developmental biology and molecular genetics," says Kim. "Lots of markers (fragments of DNA) have been identified for locating specific genes, and gene sequences are now available. There is also an effort under way to sequence the entire zebra fish genome, just as there is for the human genome."

"I have been very fortunate in receiving strong support from the University and the state. I wouldn't be able to do any of this without it," she adds.

The MSTF grant will be used to purchase nine additional racks capable of holding 60 aquaria each.

Graduate Student Focus

The Pattern of Particles

Anybody who sews, works with wood or enjoys a walk along a beach knows patterns. Repetitive shapes and forms are everywhere, and understanding

them has been a driving force for scientists for centuries.

For physicist Marty Ytreberg of Argyle, a Ph.D. candidate in the Department of Physics and Astronomy, the search for explanations of patterns has led to magnetic fields and an unusual liquid.

Ytreberg works with ferrofluids, substances that are a hot topic in the world of high-quality audio speakers. Ferrofluids consist of tiny magnetic particles, such as magnetite, a magnetized form iron-oxide, suspended in a fluid. What Ytreberg wants to do is predict what sort of pattern the particles will form under a magnetic field.

Although the fluids have practical applications in speakers, some types of machinery and even medicine, Ytreberg's studies fall squarely into the realm of basic science. Such studies can have enormous practical benefits, but they are based in curiosity for its own sake.

Ytreberg works with groups of equations and solves them in order to understand what happens to the ferrofluid when a magnetic field is applied. He explores the mathematical consequences of one assumption after another. The data for his studies come from published reports.

Ytreberg conducts his research in collaboration with Susan McKay, department chair. His labors produced a significant milestone last spring with publication of his first paper in *Physical Review E* and presentation to the Centennial Meeting of the American Physical Society in Atlanta.

Ytreberg considers his work to be excellent preparation for investigating current topics in physics. "Non-linear physics or non-linear dynamics is a rapidly growing field. The systems I'm working with are highly non-linear. I think I'm preparing myself well for a broad field survey on non-linear physics or condensed matter physics," he says.

Eventually, Ytreberg would like to work in a university as a physics teacher and researcher.

Update on UMaine Parents Association

Coordination of the University's Parents Association has been transferred from the Office of University Development to Enrollment Management under the supervision of John Beacon.

The faculty of
The Department of Art
 invite everyone to their
Grand Gala Opening
 of the Annual Faculty Exhibition:
Dialogue
 Friday, November 5, 1999 5-7 p.m.
 University of Maine Museum of Art
 Carnegie Hall

The University community is invited to *Dialogue* at the Museum of Art. This year's art faculty exhibition is all about the dialogue that occurs between influences, as well as the communication that then occurs with or objects that create a dialogue with their own work. By opening up that dialogue, the subtle communication that most often takes the form of a conversation.

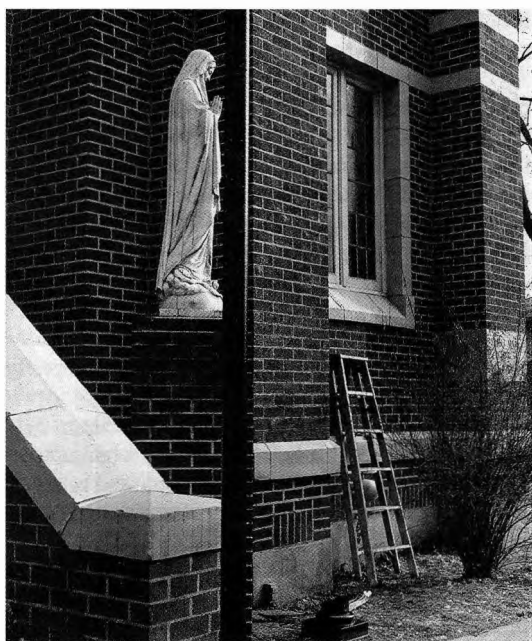
The format and theme of this year's exhibit marks a major departure for the department. "The show provides insight into the creative process – not just the results," says James Linehan, chair of the Department of Art and one of the 15 artists who influenced us and why. Here, we're starting with that question.

"In some ways, we're taking things that are in the background of what is in the foreground as a way to engage the audience more directly," says Linehan of his works with a color woodcut by Chuck Close. "This is an obvious influence."

The show is not about the resemblances between works by UMaine artists, but more about visual documentation. Companion pieces are chosen for the genre represented, the language communicated, the materials used. In some cases, the pieces provide the historical context, the philosophical edge, the motivation that once influenced the UMaine artists on their journey of self-discovery and expression, or the influences that continue to evolve and inspire today.

Each of the pairings is linked by text, written by the faculty artist, to further the dialogue. For example, printmaker Elizabeth Dove will juxtapose her work with the metaphoric implications of expression as a box of star maps from Fogler Library and a star chart from the Planisphere. Cristin Millett's research focuses on the history of medicine. Using this knowledge to inform her work, she has incorporated instruments, anatomical models and other medical artifacts into installations. For

D I A



Judith Sasso-Mason
St. Mary of Hayes Street, 1997
 Gelatin silver print



Berenice Abbott
Father Duffy, 1971
 Gelatin silver print
 96.12.2 University of Maine Museum of Art Collection
 Ruth Stebbins & Edmund G. Schildknecht Art Fund

"I approach the photographic image from an infatuation with how the world will look once it is reduced to a flattened, two-dimensional plane. I enjoy seeing the strange and absurd juxtaposition of objects, which initially seem ancillary to the scene, suddenly become the very subject of the image once the photograph is made. With this photograph, I not only wanted to split the plane vertically, which emphasized the compression of space, but I also wanted the viewer to see the connection between St. Mary and the ladder. St. Mary looks downward toward the ladder. Can we enter the church (heaven?) by the stairs (not quite seen) or by the more prominent ladder (but the window is not open)? The physicalness of the ladder seems to emphasize the spiritual invitation of the statue."

"When I saw Berenice Abbott's photograph of Father Duffy, I connected immediately with the absurdity of a bound religious statue in the midst of Times Square. Abbott is not interested in the person the statue represents. What seems to be important for her is that the viewer sees the juxtaposition between the concealed religious figure and the signs of advertisements. Although in the world of this photograph the statue dominates, it is unseen and unheard – hardly powerful against the wordy signs! Abbott's commitment to documenting the changes in New York City during the 1930s is evident here as the physical world impinges on the spiritual."

Judith Sasso-Mason



James Linehan
Looking East, 1997
 Oil on canvas
 Courtesy of Sherry French Gallery, New York, NY

The University community is invited to *Dialogue* at the Museum of Art, Nov. 5-Dec. 18. This year's art faculty exhibition is all about the dialogue that occurs between artists and the art that influences them, as well as the communication that then occurs with viewers. UMaine artists have selected art or objects that create a dialogue with their own work. By opening up that dialogue to viewers through art and text in this exhibit, the subtle communication that most often takes the form of a whisper comes to the fore in scintillating conversation.

The format and theme of this year's exhibit marks a major departure for the annual faculty art show.

"The show provides insight into the creative process – not just the result but a key to what artmaking is about," says James Linehan, chair of the Department of Art and one of the 15 artists in the show. "Often people ask who influenced us and why. Here, we're starting with that question."

"In some ways, we're taking things that are in the background of what we do and putting them in the foreground as a way to engage the audience more directly," says Linehan, who will pair one of his works with a color woodcut by Chuck Close. "This is an obvious invitation."

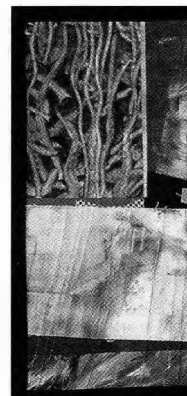
The show is not about the semblances between works by UMaine artists and their sources of inspiration, but more about visual documentation. Companion pieces – art and artifact – were chosen for the genre represented, the language communicated, the medium used. In some cases, the pieces provide the historical context, the philosophical edge, the muse. They may be pieces that once influenced the UMaine artists on their journey of self-discovery and expression, or the forms of expression that continue to evolve and inspire today.

Each of the pairings is linked by text, written by the faculty artist, to further the dialogue with the audience.

For example, printmaker Elizabeth Dove will juxtapose her work with the metaphoric implications she sees in such forms of expression as a box of star maps from Fogler Library and a star chart from the Planetarium.

Cristin Millett's research focuses on the history of medicine. Using this knowledge to inform her work, she constructs instruments, anatomical models and diagrams that are incorporated into installations. For her companion piece for

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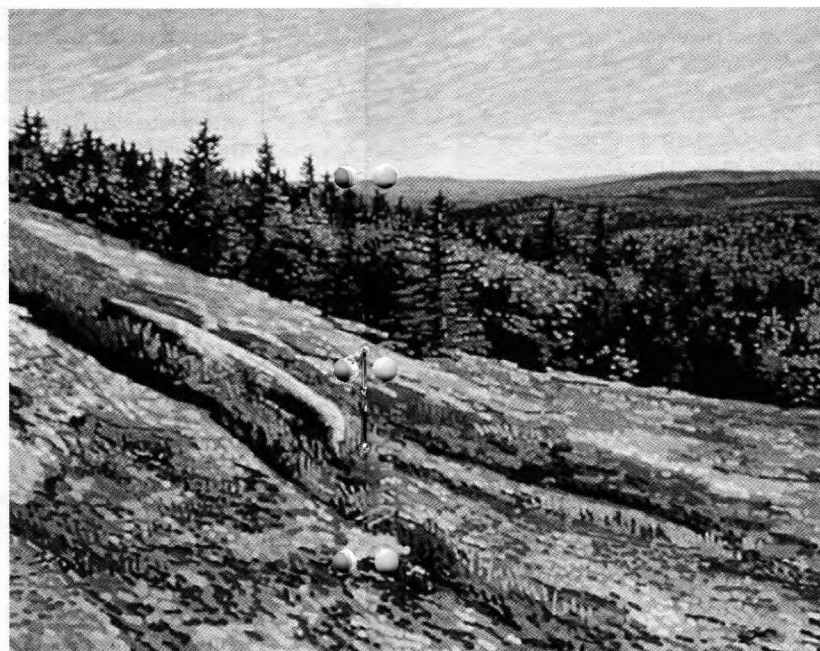


Elizabeth Busch
Reef, 1997
Paint on canvas, machine

Dialogue



Berenice Abbott
Father Duffy, 1971
Gelatin silver print
96.12.2 University of Maine Museum of Art Collection
Ruth Stebbins & Edmund G. Schildknecht Art Fund



James Linehan
Looking East, 1997
Oil on canvas
Courtesy of Sherry French Gallery, New York, N.Y.

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Judith Sasso-Mason

Dec. 18.
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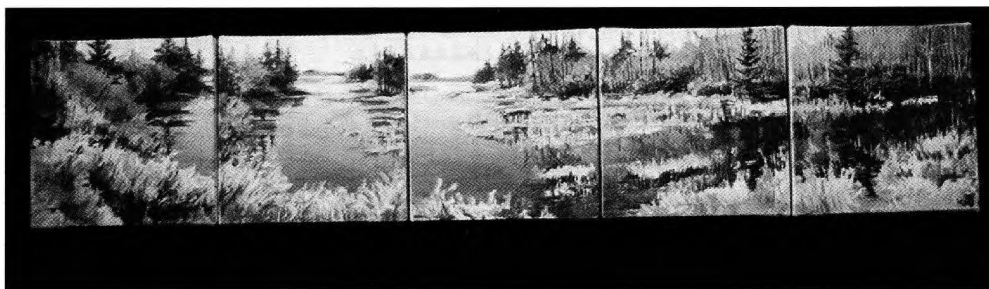
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Nina Jerome
Sequence, Salt Marsh Stream, 1998
Oil on canvas



Elizabeth Busch
Reef, 1997
Paint on canvas, machine quilted

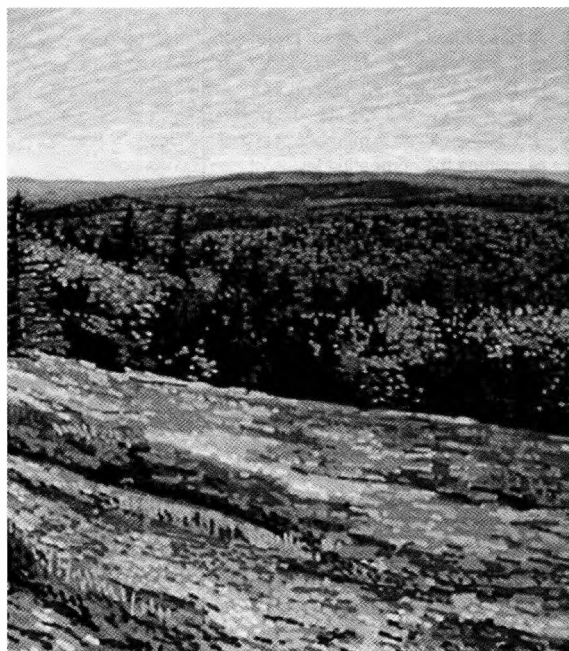
"On a trip to Australia in 1996, Elizabeth Busch visited the Great Barrier Reef. She returned inspired to create a series of quilts exploring the exotic light-filtered spaces and undulating growth she had seen beneath the surface of the water. *Reef* was the first in this series.

"Unlike *Reef*, *Sequence* represents a familiar space, one I have painted often. I enjoy observing water level variations, as well as the regularity of change in this tidal inlet. *Sequence* explores my interest in both shifting rhythm along the horizon and the continuity of panoramic space.

"With two contrasting approaches to the process of painting on canvas, Elizabeth and I have each expressed our subject in a segmented composition. Although we were inspired by natural phenomenon on opposite sides of the planet, and opposing sides of the water's surface, we have created works which are remarkably similar in their interpretation of the essence of light, water, movement and growth."

Nina Jerome

. O G U E



Chuck Close
Leslie, 1986
Color woodcut on Echezen Kozo Paper
TL6.19.97
University of Maine Museum of Art Collection
Promised gift of Robert Venn Carr Jr. 1938

"Chuck Close's 1986 color woodcut *Leslie* is a very typical example of his work. Since 1967 he has only done portrait heads, usually full face. He works from photographs which he grids off and "translates" with different techniques. In this case he produced a watercolor, which was then transferred, cut and printed by a traditionally trained Japanese master woodblock printer. The printer is identified by the 'chop mark' in the lower left-hand corner. This is the 46th print from an edition of 150.

"Chuck Close's paintings, prints and drawings are fundamentally about the 'language' of image making. Close inspection of this image yields visual confusion. Back away a bit and the image of Leslie's face and features snaps into place. Over the years, Close has worked in an increasingly gestural

manner. It is this looser, almost inchoate language of brush marks that interests me most about his work. There is tremendous control amidst the seeming chaos. His experimentation in how a viewer 'reads' a painted image is one of the most sustained research efforts by a visual artist in this century. Throughout his work, there is an emotional neutrality toward the sitter. These are not portraits in any traditional sense.

"There are few direct comparisons between *Leslie* and my painting, *Looking East*. The regulated gesture, and the objective, unemotional approach to the subject, are elements that I emulate. I like images where 'nothing happens,' no melodrama, just presence. In regard to Chuck Close the man, I confess to old fashioned 'hero worship' that is not unemotional. I met him once in 1982 through a mutual friend. I brought a class of 10 art students from North Carolina to his studio. Close was gracious, funny and open. Extraordinarily kind; even when one of my students, after looking around, blurted out (in a thick North Carolina accent), 'Is that all you do is heads?' Close answered, 'Yup, that's all I do is heads.'"

James Linehan

New Faculty at the University of Maine

The University of Maine's 1999-2000 academic year has begun with 34 new members of the faculty. As a means of introduction to the University community, Maine Perspective surveyed them concerning their academic, research and public service activities. This is the second of two features on the new faculty of the University of Maine.



Michele Alexander, assistant professor of psychology, received her Ph.D. in psychology from Texas A&M in 1996. In her research, Alexander studies relationships between groups, with specific emphasis on intergroup conflict, prejudice, and the association between stereotyping and behavior. Currently, she is developing and testing a functional model of generic outgroup stereotyping. The long-term goal is to determine the specific relationships that underlie the content of group beliefs and the conditions under which these beliefs can be

changed. Research funding has come from the Mershon Center for the Study of International Security and Public Policy. She is teaching general and social psychology, and a senior seminar in stereotypes and prejudice.



Marcia Douglas, assistant professor of theatre, has a master's degree in directing from the University of Washington and an M.F.A. in acting from Southern Methodist University. Douglas has choreographed, directed or acted in more than 100 productions, and has performed her one-woman show, *Story Soup/Myth Pie* in the U.S. and abroad. Her current research interests are in the use of video in the performance classroom, and on producing and performing *Gertrude Stein, Gertrude Stein*, a play originally written

for Pat Carroll. In March, she will direct the Maine Masque production of *Glengarry Glen Ross* by David Mamet.



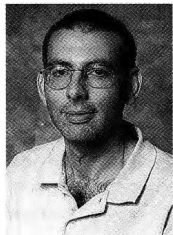
Elizabeth Dove is assistant professor of art. She received an M.F.A. from Vermont College this year, and was a guest artist at UMaine last January. Dove has been actively involved in research to develop safer, less toxic materials for use in printmaking. Since 1995, she has taught and researched non-toxic printmaking materials at the Canadian School for Non-toxic Printmaking in Alberta. Dove's prints and installations are exhibited internationally. This year, she has two installations and prints in two other shows; she has been selected to

represent the province of Alberta in an upcoming print exchange exhibit with Japan in Tokyo. At UMaine, Dove is teaching drawing and printmaking.



Steven Evans, assistant professor of English, completed a Ph.D. in English literature at Brown University this year. His research focuses on contemporary American poetry, modernist and avant-garde literatures, and philosophy and critical theory. Evans received fellowships from the Mellon Foundation in 1989 and 1994, and the National Endowment for the Humanities in 1995. He has presented plenary lectures on American poetry in the U.S., England, and Belgium, and is founder/co-editor of *The Impercipient Lecture Series*.

Evans is teaching advanced composition and contemporary American poetry, and is working in collaboration with the National Poetry Foundation.



Benjamin Friedlander, assistant professor of English, received a Ph.D. in English from SUNY-Buffalo this year. His research and teaching focus on American poetry and poetics. He has edited the critical essays of Larry Eigner and Charles Olson, and produced essays on such writers as Nathaniel Hawthorne and Emily Dickinson. Friedlander, a published poet, is teaching American Literature and Postmodern Poetry. He also is collaborating with the National Poetry Foundation.



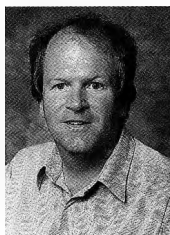
Alla Gamarnik is assistant professor of chemistry. In 1993, she received a Ph.D. in chemistry from UCLA, where she worked on matrix isolation of short-lived organic intermediates. She has been a postdoctoral researcher at UCLA, Georgetown University and the University of California-Santa Barbara. Her research focuses on surface chemistry and organic materials, particularly the synthesis and testing of molecular electronic devices and the study of intermolecular structure of surfaces and bulk materials. At UMaine, she is teaching organic chemistry.



Ivan Gotchev is visiting associate professor of mathematics. He received a Ph.D. in mathematical sciences from Sofia University, Bulgaria, in 1989, and has taught mathematics as an associate professor at the American University in Bulgaria since 1992. At AUBG, he also serves as Science Division chair. Gotchev's research, which focuses on general and categorical topology, has been funded by Bulgaria's National Science Fund. At UMaine, he teaches pre-calculus, calculus, and applied mathematics for business and economics.



Scott Lasley, assistant professor of political science, is completing a Ph.D. with a dissertation that develops a theoretical framework from which to understand the interaction between ambition and political behavior, and whether differences in attitudes toward ambition have an effect on behavior in a legislature. In his research in American government, elections and political parties, Lasley also has studied statewide elections and third-party success. At UMaine, he is teaching Introduction to American Government and Political Parties.



James Moreira is assistant professor of anthropology and director of the Maine Folklife Center. He received a Ph.D. in folklore from Memorial University of Newfoundland in 1995. He did post-doctoral research at York University as a member of a multidisciplinary team examining the competing levels of narrative in policy debates on sustainable agriculture in Cape Breton. Moreira was an assistant professor at Memorial University, teaching folklore, anthropology and sociology prior to joining the UMaine faculty. He specializes in

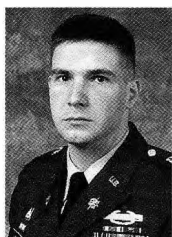
narrative folksong research, with emphasis on fictional landscapes in ballad narratives, and on the impact of literacy on oral culture. His interests also include maritime ethnography. Funding for Moreira's research has come from the Institute for Social and Economic Research, and Memorial University. At UMaine, he is teaching folklore, and oral history and folklore field research.



Suneeti Nathani is assistant professor of communication sciences and disorders. She received a Ph.D. in speech-language pathology from Purdue University in 1998. Her research interests include infant vocalizations, childhood language development and disorders, and phonology. At UMaine, she is teaching courses in Language Development, and Introduction to Communication Sciences and Disorders.



James Berg is cooperating assistant professor of English and director of the Center for Teaching Excellence. In 1996, Berg received a Ph.D. from the University of Minnesota in 20th-century British literature. He taught writing, literature and film at his alma mater. Prior to coming to UMaine, Berg was program and marketing director for the Collaboration for the Advancement of College Teaching and Learning, which provides programs and services to improve undergraduate education at Midwest higher ed institutions. This spring, he will teach a course in 20th-century gay and lesbian literature.



Capt. Stephen Szwec is assistant professor of military science. Szwec received a bachelor's degree in wild-land recreation management from the University of Idaho, where he was commissioned in 1990. His military career includes assignments in Somalia and Haiti. He was last stationed at Fort Richardson, Alaska, where he commanded the 572nd Military Intelligence Company, Airborne Detachment. At UMaine, Szwec is teaching ethical decision making and orienteering, and is serving as faculty advisor for the University's chapter of Scabbard and Blade National Honor Society.



Master Sgt. Michael Olsen is senior enlisted instructor of military science. He received a bachelor's degree in forestry from Washington State University in 1976 and enlisted in the Army in 1978. Olsen served several years in Germany. He comes to UMaine from Fort Sill, Okla., where he was assigned to the Field Artillery Proponent Office. He is teaching Introduction to Leadership.



Maj. James Campbell is assistant professor of military science. Campbell received a bachelor's degree in history from Colby College and was commissioned at UMaine in 1986. He was assistant professor of military science at Massachusetts Institute of Technology from 1993-95 before leaving the Army and entering the Maine Army National Guard. For the past four years, he has been a Ph.D. student at UMaine, focusing his research on British military history. He is teaching junior-level courses and managing the student training program.



Sgt. 1st Class Anthony Houzah is a military science instructor. He enlisted in 1982. Houzah comes to UMaine from Korea, where he was assistant operations sergeant with the 2nd Battalion 9th Infantry. On campus, he is teaching courses in leadership and tactical skills.

International Notes



Host Families Needed for Summer 2000

The Office of International Programs, in collaboration with Cooperative Extension, coordinates the Maine 4-H Japanese Exchange Program. Every summer, a group of Japanese children comes to the state to live with Maine families. Families are not required to be involved in 4-H to participate.

In summer 2000, the young people will be in Maine July 22-Aug. 20. The only requirement of host families is that they have a child who is within two years of age of the Japanese child. Most of the Japanese children are 12-15. The family is asked to involve the Japanese youth in regular activities; there is no expectation that special activities be planned. The Japanese children are covered by health insurance and come with spending money.

If you would like to be a host family or would like more information, contact Harold Brown, 942-5916; hbrown@umext.maine.edu

Look Who's On Campus



Canadian poet **GEORGE ELLIOTT CLARKE** will give a reading at 4 p.m., Friday, Nov. 5, in the Writing Center, Neville Hall. Clarke is a political activist and public advocate of black culture. The winner of the Archibald Lampman Award for Poetry, Clarke is the author of *Whylah Falls* and *Lush Dreams, Blue Exile*. He also has edited a two-volume anthology of local "Africadian" writing, *Fire on the Water: An Anthology of Black Nova Scotian Writing*.

The second annual Folk Traditions Festival, Friday-Saturday, Nov. 5-6, celebrating the cultural heritage the state shares with the Maritime provinces, will bring a number of artists to campus. "An Evening from Prince Edward Island" at 8 p.m., Friday, will feature performances by **CROWBUSH** and **HOLD THE HAGGIS**. The two groups also will perform at the Saturday Ceilidh, which begins at 6 p.m. Also in the Ceilidh will be the **CHAISSON FAMILY**. The members of Crowbush are storyteller and poet Frank Ledwell, singer/songwriter Allan Rankin and fiddler Roy Johnstone. Ledwell is an author and retired English professor. In the tradition of Larry Gorman, Rankin tells stories through his songs. Johnstone, classically trained at the Royal Conservatory of Music, co-founded the popular fiddling group Speed the Plough. He also is a member of Hold the Haggis, which features singer/songwriter Margie Carmichael, pianist and singer Wendell Boyle, and multi-instrumentalist/songwriter Steve Sharratt. The group is known for its mix of homespun favorites, original songs and humor. The Chaisson Family plays in the Scottish-Cape Breton tradition. The group is led by accomplished young fiddler J.J. Chaisson.

KING DAVIS, Visiting Libra Professor to the College of Business, Public Policy and Health, will present an address, "Is Managed Care Manageable?" on Tuesday, Nov. 9, 4-5:30 p.m., Soderberg Center, Jenness Hall. Davis has been professor of public mental health policy and planning at Virginia Commonwealth University School of Social Work since 1984. From 1985-1987, Davis served as Galt Visiting Scholar, holding full professorships at each of Virginia's three medical schools and departments of psychiatry. As Galt Scholar, Davis was responsible for developing and implementing collaborative education models between public universities and the Department of Mental Health. He is a former commissioner of the Virginia Department of Mental Health, Mental Retardation and Substance Abuse Services.

Award-winning author, activist and professor of literature **AMOS OZ** will give a Minsky Family Fund for Judaic Studies lecture on "Israel: Peace and War" at 7 p.m., Wednesday, Nov. 10, Devino Auditorium, Corbett Business Building. Oz is the Agnon Chair of Hebrew Literature at Ben-Gurion University of the Negev in Beer-Sheva. He has been one of the leading figures in the Israeli Peace Movement since 1967. Oz is the author of numerous works of fiction and non-fiction, including *My Michael*, *Unto Death* and *Touch the Water, Touch the Wind*. He won the Brenner Prize for Literature for *The Hill of Evil Counsel*, and the Prix Femina Etranger, France's top literary award for best foreign novel of the year for *Black Box*. Oz won the Israel Prize for literature in 1998.

UMaine Diversity Libra Professor and *Washington Post* journalist **DOROTHY GILLIAM** will be on campus Tuesday-Wednesday, Nov. 16-17. She will speak at 12:15 p.m., Tuesday, Bangor Lounge, Union, on "Diversity: A Pioneer Journalist Reflects on Its Peril." At an evening reception, Gilliam will speak on "Diversity in the Newsroom and the Classroom: Common Challenges" (reservations required by Nov. 5, 581-1281). At 7 p.m., Wednesday, Minsky Recital Hall, she will speak on "Diversity's Promise, Process and Product." Gilliam was the first black woman journalist hired by the *Washington Post*. In her nearly 30-year career, she was a reporter, editor and columnist. She now directs the *Post's* Young Journalists Development Project in high schools and colleges, which focuses on newsroom diversity. She is founder and board chair of the Robert J. Maynard Institute for Journalism Education, and former president of the National Association of Black Journalists.

NORMAN DANIELS, Goldthwaite Professor and former chair of the Tufts Philosophy Department, and professor of medical ethics at Tufts Medical School, will speak Wednesday, Nov. 17, 4 p.m., Bangor Lounge, Union, on "Limits to Health Care and Accountability for Reasonableness." Thursday, Nov. 18, he will give two talks: "Why Justice is Good for Our Health," 12:30 p.m., Bangor Lounge, Union, and "Democratic Equality," 4 p.m., Levinson Room, Maples. Daniels has written widely on the philosophy of science, ethics, political and social philosophy, and medical ethics. His books include *Seeking Fair Treatment: From the AIDS Epidemic to National Health Care Reform* and *Benchmarks of Fairness for Health Care Reform*. Most recently, Daniels co-authored a book on the ethical implications of the human genome project.

Electronic Theses and Dissertations *continued from page 2*

"This is another way to increase awareness of the excellent research and scholarship done by graduate students at the University of Maine."

The UMaine ETD program is one of 60 universities and colleges that make up the Networked Digital Library of Theses and Dissertations (NDLTD) that was founded at Virginia Tech. Virginia Tech was one of the first institutions to require graduate students to submit dissertations and theses electronically. With funding from the U.S. Department of Education, it is creating a national digital library of theses and dissertations.

NDLTD is an initiative to improve graduate education, increase sharing of knowledge, help universities build their information infrastructure, and extend the value of digital libraries. Its goals are to:

- ▼ Improve graduate education by allowing students to produce electronic documents, use digital libraries, and understand issues in publishing;

- ▼ Increase the availability of student research for scholars and to preserve it electronically;

- ▼ Lower the cost of submitting and handling theses and dissertations;

- ▼ Empower students to convey a richer message through the use of multimedia and hypermedia technologies, including sound, simulation, graphics and video;

- ▼ Empower universities to unlock their information resources;

- ▼ Advance digital library technology.

"The national initiative at Virginia Tech seeks to improve graduate education by teaching students about electronic formats, publishing and digital libraries, and by giving them the support they need to create new kinds of knowledge with new kinds of media," says Marilyn Lutz, Fogler's assistant director for information systems. "Fogler Library is evolving digital collections, and this program is one way to advance the electronic workflow of academia and contribute to the digital collections."

Last May, Lutz was the UMaine representative at an ETD Workshop at Virginia Tech. As part of NDLTD, representatives of participating colleges and universities are addressing such issues as a uniform electronic format for dissertations and theses; standards for preservation archiving; copyright management; training programs; and publishing guidelines. Principal concerns raised by the academic administrators and faculty attending the meeting were vulnerability for information theft (plagiarism) and issues relating to journal publication rights and patents. Participants in the NDLTD are also interested in developing a federated search system that links national and international ETD databases.

Institutions just starting the ETD process begin by developing a user-friendly means of converting theses and dissertations from print to electronic form. For UMaine's pilot project, students submit ETDs on floppy disk, and library staff convert the file(s) to PDF (Portable Document Format), which allows the electronic document to maintain its original format or look. The library also creates a record in the ETD database, and links the full-text file to the record. In future, the library will be developing technical support and Web pages that will aid students in participating more fully in, and learning from, the digital publication process.

A number of the institutions involved in NDLTD already mandate electronic filing and have technologically advanced their overall dissertation and thesis process – from students' electronic submissions to validation, approval and grading. Most universities involved in electronic publishing continue to require printed copies.

UMaine's Electronic Theses and Dissertations pilot database,

coordinated by Reference Librarian Deb Rollins, who chairs the library's ETD Committee, resides on a Fogler digital library server. UMaine ETDs were first accepted as optional forms of theses and dissertations in spring 1998.

You can connect to the ETD database from the Fogler Library Web (<http://libraries.maine.edu/umaine>), the Graduate School Web (<http://www.umaine.edu/graduate>), through Mariner (<http://libraries.maine.edu/>) or directly: <http://libraries.maine.edu/umaine/theses/>.

The database consists of abstracts of theses and dissertations that can be searched by keyword, or browsed by title, author, department or date, and are linked to full text documents. Public access to the full text of theses and dissertations is restricted to campus-based computers. URSUS catalog records for individual theses and dissertations in the ETD database link directly to the ETD Website for full-text access.

Special Collections is the home of the hard copies of UMaine dissertations and many theses, as well as a number of books published subsequently by graduate alumni. UMaine granted its first master's degree in 1881, its first Ph.D. in 1960 in chemistry, and its first Ed.D. in 1969. However, the archive of student theses and dissertation research, including some of the earliest required for bachelor's degrees, dates to 1873.

For years, UMaine doctoral dissertations have been submitted to University Microfilm International (UMI), now owned by Bell and Howell. For more than a century, UMI has been the national publisher of dissertations and theses. Today, the dissertation abstracts database contains more than 1.4 million entries. The database represents the work of authors from more than 1,000 North American graduate schools and European universities.

Approximately 55,000 new dissertations and 7,000 new theses are added to the database each year. The database includes citations for materials ranging from the first U.S. dissertation, accepted in 1861, to those accepted as recently as last semester; those published from 1980 forward also include 350-word abstracts, written by the author. Citations for master's theses from 1988 forward include 150-word abstracts.

Of the 1.4 million titles listed, more than a million are in full text. Dissertations and theses are for sale in a choice of formats: unbound paper, softbound paper, hardbound paper, microfilm, and microfiche.

The advantage of the networked ETD databases over the long-standing UMI system is in cost and access, particularly for master's students. UMaine master's theses are not sent to UMI but are housed in Special Collections.

Providing digital access to this collection is one of Fogler's digital library initiatives that seeks to broaden access to campus collections by digitization. Providing digital access to this collection gives UMaine national recognition for the work done by students and faculty, and offers researchers global access.

In the coming year, the next steps for the UMaine ETD program include: developing a student training program and library technical support team; retrospective conversion of selected theses and dissertations (housed in Special Collections) to digital format; and evolving further the idea of a mandatory ETD requirement with the faculty.

The process begins with faculty in departments like Spatial Information Science and Engineering and Computer Science who endorse the ETD concept and program.

"This program needs the support of the faculty in order to grow," says Lutz, "and that's the work that's just beginning." ▲

Assistant Professor of Anthropology and Quaternary Studies
Daniel Sandweiss, Asunción Cano, Bernardino Ojeda, and José Roque: "Pescadores paleoíndios del Perú" ("Paleoindian Fishermen of Peru"), *Investigación y Ciencia*, 277:55-61 (October 1999). *Investigación y Ciencia* is the Spanish edition of *Scientific American*.

Ramesh Gupta, professor, Department of Mathematics and Statistics, and Richard Albanese, Armstrong Laboratory, Brooks Air Force Base, Texas: "A Dynamical System Approach to the Analysis of Biomedical Data," *Dynamics of Continuous and Discrete Impulsive Systems*, 6:221-36 (1999).

Former Ph.D. graduate student **Steve Dudgeon**, his advisor **Robert Vadas**, and colleagues **Ian Davison** and **Robert Steneck**: "Coexistence of Similar Species in a Space-Limited Intertidal Zone," *Ecological Monographs*, 69(3):331-52 (1999).

Susan Greenwood, lecturer, sociology: "Electric Utility Restructuring: What Does It Mean for Residential and Small Retail Consumers in

Maine?" (with Lewis Tagliaferre), *Maine Policy Review*, 8(2):64-72 (Fall 1999); and "Voices of Sedona: Reprise," *Bulletin of Psychological Type* (newsletter of the Association for Psychological Type), pg. 12 (Autumn 1999).

Peggy Agouris, assistant professor with the Department of Spatial Information Science & Engineering; **Anthony Stefanidis**, research assistant professor with the National Center for Geographic Information and Analysis; and **James Carwell**, graduate research assistant and Ph.D. candidate with the Department of Spatial Information Science & Engineering: "Sketch-Based Image Queries in Topographic Databases," *Journal of Visual Communication and Image Representation*, Academic Press, 10(2):113-29 (June 1999).

Bob Strong, professor of finance, and **Rick Borgman**, assistant professor of finance: "Portfolio Duration," *Journal of Business and Economic Studies*, pp. 67-81 (Fall 1999).

Constance Perry, professor of education, "Proactive Thoughts on Creating Safe Schools," *The School Community Journal*, 9(1) (Spring/Summer 1999).

Emeriti Activities

Edward Huff of Old Town is associate professor emeritus of bio-resource engineering. Huff, who taught at UMaine from 1966-97, was back in the classroom last semester, co-teaching BRE 460 with Associate Professor of Bio-Resource Engineering Pete Soule. October-December 1998, Huff was in Senegal for six weeks helping a missionary-run K-12 school with plans to improve its electrical system. As part of the project, Huff estimated the school's future electrical load in order to help plan an adequate system.

Vincent Hartgen of Orono, Huddilston Professor Emeritus of Art and curator emeritus of the University of Maine Museum of Art, began teaching at UMaine in 1946. Even after his retirement in 1982, Hartgen often taught a course in art history. In his focus on the Maine landscape, Hartgen has developed his own painting style. He continues to exhibit at galleries throughout Maine and in New York. The University's Patrons of the Arts named the Museum of Art's Traveling Show in his honor. Hartgen, founder of the Department and Museum of Art, continues to be sought out by former students who are now art collectors, and by members of the community seeking expertise in establishing arts programs and exhibits.

John Ahlin of Machias, Extension instructor emeritus in Washington County, worked for the University from 1980-94. His areas of interest continue to be adult education and history. Since his retirement, Ahlin has served as a humanities faculty member in Inter-American University, Puerto Rico. In Maine, he is active in historical societies, including Sunrise Research Association.

Richard Storch of Orono is professor emeritus of applied ecology and environmental sciences. Storch joined the faculty in 1965. Since his retirement in 1997, he has continued to advise graduate students, teach Insect Morphology and make presentations at Maine Pest Managers Conferences and Winter Potato schools. Storch's research focuses on arthropods beneficial and pestiferous to potatoes. He directs the Maine Council of the Atlantic Salmon Federation.

Riess in *Baltimore Sun*, *Boston Globe*

Warren Riess, research associate professor of history and marine sciences at the Darling Marine Center, was quoted in a Sept. 28 *Baltimore Sun* story, "Mining the Past's Depths in Maine," and an Oct. 3 *Boston Globe* story, "Endangered History," about the fleet of 40 Revolutionary War ships burned in the Penobscot River to avoid British capture. Up to now, the wrecks have been protected beneath layers of mud. Now the wrecks are threatened by a series of changes in the river, including a dam removal and construction of a new bridge. "Over the course of the next few decades, these really beautiful and significant archaeological treasures are going to disappear," says Riess. What will be lost, he says, is not the record of defeat, but of life.

Sandweiss Talks to *Science*, *Discovery Channel*

Dan Sandweiss, assistant professor of anthropology and Quaternary studies, was interviewed last month by a writer from

Science who is assigned to cover the breaking controversy over the Monte Verde site in southern Chile. The site is a strong candidate for the earliest confirmed location occupied by humans in the Americas and coincidentally the focus of a faculty/graduate seminar this semester in Quaternary studies, led by George Jacobson and Sandweiss. In addition, Sandweiss also spoke with a producer for a Discovery Channel documentary, "The Ultimate Guide to Mummies."

Bayer Interviewed by CBC Radio

Bob Bayer, director of the Lobster Institute, was on a Canadian Broadcasting Company radio news program discussing the deaths of thousands of lobsters in Long Island Sound. UMaine scientists have been involved in the testing of the lobsters as part of the effort to determine what happened.

Kahl on the Air in Colorado

Steve Kahl, director of the Water Research Institute, was recently interviewed by Boulder, Colo., radio station KWAB about his water quality/acid rain research published in the current edition of the journal *Nature*.

Book Ends

***Girlfriends*, by Jane Wexler and Lauren Cowen, Running Press (1999).** From the authors of *Daughters & Mothers*, *Girlfriends* is a celebration of female friendship in many forms. Through essays and photographs, 30 groups of women share their stories of relationships from all walks of life and with one thing in common – friendship – transcending change, loss, distance and time.

***Cook Right for Your Type*, by Dr. Peter D'Adamo, Putnam (1999).** Here is the nutritional companion for healthy living and losing weight to the *New York Times* best seller, *Eat Right for Your Type*. With more than 200 recipes, this book features food lists and shopping guides to help set up your kitchen; recipe charts to show how to cook for different blood types; 30-day meal plans; and advice for eating well on the run. This book is an essential source for living with an individualized, sensible diet that will optimize your health, your weight and your total well-being.

***Galileo's Daughter*, by Dava Sobel, Walker & Co. (1999).** Suor Marie Celeste, named Virginia at her birth in 1600, was the oldest of Galileo's three illegitimate children. She became her father's confidante, writing volumes of correspondence from the Convent of San Matteo, where he placed her soon after her 13th birthday. Through the 124 surviving letters Sobel translated from Italian, an unforgettable story unfolds as one man sought to reconcile the heaven he revered as a good Catholic with the heavens he revealed with his telescope. This revelation allowed him to reinforce the idea that the earth moves around the sun. Accused of heresy, he spent his remaining years under house arrest, even as his inventions and discoveries were heralded globally. Sobel is the author of the international best seller, *Longitude*.

***North to the Night*, by Alvah Simon, Broadway Books (1999).** In June 1994, Alvah and Diana Simon set out on their 36-foot sailboat to explore the Arctic Circle. By October, Simon was alone on the boat, frozen in ice 100 miles from the nearest settlement, surrounded by wandering polar bears and frequent blizzards, his only companion a kitten named Halifax. This is an extraordinary account of the author's battle with solitude. Trapped for five months by drifting snow, it was a time in which he faced his fears, learned his strengths and uncovered his weaknesses. The 1997 Cruising World Outstanding Seamanship Award was presented for this Arctic journey.

Interim Provost and Godfrey Professor of Law **Don Zillman** participated in the Biennial Meeting of the Inter-University Seminar on Armed Forces and Society in Baltimore on Oct. 23. Zillman chaired the panel on "Crime and Punishment in the Armed Forces," and was chair and presenter for the panel on "Legal Ferment in Civil-Military Relations."

Zillman also was an invited presenter at the Biennial Congress of the Nuclear Inter Jura in Washington, D.C., Oct. 27. His paper for the Panel on the Impact of Privatization and Deregulation on the Future of Nuclear Power was "An Energy Law Professor's Look at the Nuclear Future: Deregulation, Privatization, Pollution, Politics, and Public Opinion." He was joined in the presentation by Professor Suedeen Kelly of the University of New Mexico Law Faculty.

Mitchell Bruce and **François Amar**, both of Chemistry, attended the 27th annual FIPSE Project Directors' Meeting in Washington, D.C., Oct. 8-10. They gave two presentations, "Individualized Student Pathways Using ICN for Networked Chemical Instrumentation" and "Individualized Student Instruction Using Instrumentation in the General Chemistry Lab: A Case Study at the University of Maine."

Irv Kornfield, professor of zoology, School of Marine Sciences, presented an invited lecture, "Molecular Markers in Biodiversity Research," and chaired a session at the 1999 Kentucky Biodiversity Conference, Western Kentucky University, Bowling Green, Oct. 14-15.

Dorothy Klimis-Zacas, associate professor of clinical nutrition, presented "Blood Lipid Profiles and Body Composition in Greek High School Students" at the 71st Congress of the European Atherosclerosis Society, May 30-June 1, Athens, Greece.

Four College of Education and Human Development faculty/researchers presented Results from the Maine Aspirations Benchmarking Initiative as a symposium at the annual convention of the National Rural Education Association, Colorado Springs, Oct. 13-17. Making the presentation were: professors **Constance Perry** and **Walter McIntire**, associate professor **David Brown** and project administrator **Raymond Hainon**.

Jeffrey Wilhelm, associate professor of literacy education, gave the keynote address, "Boys, Books and Technology," and presented a workshop at the Reading Matters in the Middle School conference, coordinated by the Wicomico County, Maryland Reading Network, Oct. 4, Salisbury, Md.

Hsiang-tai Chang, associate professor of resource economics and policy, presented "Demand for North American Wild Blueberries at the Farm and Processor Levels," at the Food Distribution Research Society Annual Conference, Oct. 17-20, San Antonio. As the Society's vice president for education, he introduced winners of the 1999 Applebaum Scholarship Awards for Outstanding Theses and Non-thesis Reports at the Conference.

Participating in this year's conference of the National Association of Schools of Public Affairs and Administration were professor **James Horan**, head of the Department of Public Administration; associate professor **Carolyn Ball**, director of public administration graduate programs; and assistant professor **Kenneth Nichols**. Nichols gave a panel presentation, "Marketing MPA Programs: Inquiring About the Process," and chaired a panel on "Ethics Research in Public Administration." The conference took place in Miami Beach this October, unintentionally permitting conference participants to experience Miami-Dade's preparation for and response to Hurricane Irene.

Alan Butler, training director, Counseling Center, delivered the keynote address at the 22nd annual meeting of the Association of Counseling Center Training Agencies (ACCTA) at French Lick, Ind., Oct. 9-13. He is a founding member of the organization.

Kay Retzlaff, adjunct faculty with Continuing Education, who teaches in Modern Languages and Classics and English departments, presented, with **Hugh Curran**, Peace Studies, an Irish mythology program at the Grand Theatre, Ellsworth, as part of its Celtic Festival, Oct. 1-3. The program was taped and aired on WERU-FM. In addition, Retzlaff led a two-part program on publicity basics for home-based businesses and not-for-profit organizations through Waldo County Cooperative Extension, Oct. 20 and Oct. 27.



Officers of Classified Employees Advisory Committee (CEAC) this academic year are, left to right, Janice Gomm, treasurer; Robin Parsons, vice president; and Chris Halsted, secretary. Not pictured is CEAC president Chris McEvoy.

COLLEGE OF ENGINEERING'S TOP AWARDS PRESENTED

The College of Engineering presented its top faculty and alumni awards at its 20th annual recognition banquet Oct. 15.

▼ **Fritz Petersohn**, retired founder and former chair of the Boston-based BSC Group Inc., received the 1999 Distinguished Engineering Award. A civil engineer and land surveyor, Petersohn is recognized internationally as a visionary and proponent of innovative approaches in developing land information management systems and land tenure information systems. In the mid-'70s, Petersohn had a vision for creating a regional university education program in engineering that would serve the needs of all six New England states. He led the initiative that resulted in the establishment of such a regional program at UMaine – the Surveying Engineering Program in the Department of Civil Engineering in 1978. The program has since developed into the Department of Spatial Information Science and Engineering.

▼ **Kate Beard**, associate professor and chair of the Department of Spatial Information Science and Engineering, received the 1999 Ashley S. Campbell Award. A research faculty member with the National Center for Geographic Information and Analysis (NCGIA) since its inception in 1989, Beard was recognized for outstanding effectiveness in teaching, her achievements in engineering and research, and excellence in professional and scholarly accomplishments.

▼ **Kathleen Hornsby**, recipient of the Graduate Research Assistant Award, completed a Ph.D. in spatial information science and engineering last May with a dissertation, "Identity-Based Reasoning about Spatio-Temporal Change." She was recognized for her enthusiasm about scientific discovery and for the quality of her research results. Hornsby is now a post-doctoral researcher with NCGIA.

▼ **Physics Ph.D. student F. Marty Ytreberg** is the recipient of the Graduate Assistant Teaching Award. Ytreberg's research focuses on the mechanisms that lead to pattern formation in reaction diffusion and ferrofluid systems. He has been a TA in PHY121-122, required of all engineering and physics majors. He was recognized for his outstanding efforts and abilities in teaching physics, making it exciting and understandable, at the introductory level.

▼ **Eric Landis**, assistant professor of civil engineering, received the 1999 Early Career Research Award. His research focuses on microstructure-property relationships for construction materials. Landis' significant work in the analysis of microfractures in concrete through adaption of seismological models has attracted international attention. He is now conducting pioneering work in applications of X-ray microtomography to fundamental fracture mechanisms in cement-based materials. In addition, as a member of the Advanced Engineered Wood Composites team, he leads the Center's Research Experience for fundamental work on fracture mechanics and nondestructive evaluation of wood and wood composites.

▼ **Bruce Littlefield**, manager of computing and network services, and **Andy Sheaff**, systems and network administrator, are co-recipients of the Leila C. Lowell Award. They were recognized for their latest collaborative service effort in which they prepared and offered a non-credit course on Unix System Administration to the campus computing community.

Traffic and Parking *continued from page 1*

Tinkering with Status Quo: All of the major lots as well as smaller lots not eliminated by DOT requirements continue to function under this option. Increases in the number of cars on campus are addressed through the implementation of small programs, traffic calming measures, and changes in course scheduling. The major components of this scenario: Initiate a car pool program, eliminate classroom peak times, establish biker/walker trails, increase parking permit fees, enhance public transportation.

Hierarchy Parking: Many commuters are flexible with regard to where they park on campus, while others demand parking in close proximity to their workplace. This scenario creates a tiered system of parking lots, where permits to park in the "academic core" are significantly more costly than those for the outer regions. The increased revenue is used to partially fund a shuttle service. A limited pedestrian zone might also be created in the center of campus through the elimination of some interior lots. Major components of this scenario: Create proximity-based parking zones, start a campus shuttle service, change parking permit fees, enhance public transportation.

New Convenient Parking: Under this plan, efforts focus on providing convenient parking spaces for all drivers on campus. While a limited pedestrian core is maintained, all other open spaces on campus should be evaluated as to the feasibility of their conversion to use by vehicles. The fundamental assumption is that people are willing to make financial sacrifices to park in central areas on campus. The major component of this scenario is to increase the number of parking spaces by creating new parking lots or expanding existing ones, and/or building a parking garage.

Green Campus Model: Under this option, parking is permitted only in perimeter lots, so that central region of the campus is reserved for walkers and bikers. While the number of outer lot spaces is increased to a limited extent, the focus of initiatives is to discourage single-passenger driving to campus. Programs designed to provide incentives for reducing the number of cars on campus would be paid for primarily by those who continue to drive their vehicles on campus. Major components of this scenario: Establish perimeter lots, start a shuttle bus service, initiate a car pool program, use off-campus park and ride lots, provide incentives for biking/walking.

While change is inevitable, it will not come easy, says Murphy. "Yesterday's outrage is today's reality," he says. "For instance, around the Mall is a roadway where people used to drive and park cars. That's not acceptable today, but at the time, people were outraged at the thought of closing the Mall to traffic."

The Ad Hoc Committee on Traffic and Parking has been meeting since May. In addition to Rock and Murphy, the committee members are: Kathleen Bell, Bill Charland, Jim Dyer, Per Garder, Dave Fowler, Jon Lewis, Hank Metcalf, Alan Reynolds, Jonathan Rubin, Jane Smith, Alan Stormann, David Sturm, David Trefethen, and Anita Wihry.

The committee spent the summer reviewing current policies and procedures, past reports and recommendations, and programs at other college campuses, such as the University of Vermont and University of New Hampshire. It also has called in community experts to discuss such options as construction of a parking garage and establishment of shuttle bus service.

The campus community has until the end of November to react to the draft management plan for traffic and parking. In January, a final report with recommendations for action will be forwarded to UMaine President Peter Hoff.

Once approved, parts of the management plan will be implemented immediately in order to begin to bring campus roadways

Guiding Principles

for developing a Master Plan to address traffic and parking issues

- ▼ The University can best preserve a safe and attractive campus environment by creating relatively traffic-free pedestrian precincts. Strategic parking control is often the best means for controlling campus traffic.
- ▼ The Ad Hoc Committee supports the long-established goal of this University to create a pedestrian-friendly campus, where walkers and bikers can move easily and safely on campus.
- ▼ The University currently has reasonably adequate parking during most of the workday and in the evening. The problem is not a lack of spaces so much as a lack of convenient parking, and this situation may cause many to feel that the current parking system is inequitable.
- ▼ Revenue from parking fees and tickets should be sufficient to support all activities related to parking on campus.
- ▼ The Ad Hoc Committee is very favorably impressed with the concept of a perimeter road system that would eliminate the presence of vehicles in the core portion of campus.
- ▼ The University must come into full compliance with all state and local regulations.
- ▼ Public transportation should be convenient and low cost to campus users. Whenever possible, funding for increased access should come from federal or state sources, in addition to general fund contributions.
- ▼ The campus community must be fully involved in the development of the traffic master plan. Any report must be submitted for review by students, faculty, staff and other interested members of the community.

and parking areas in compliance with Maine Department of Transportation (MDOT) requirements. The committee's proposals to meet MDOT regulations include: construction of a new major access road onto campus to replace Squa Pan Road off College Avenue (the Alford Sports Arena entrance); elimination of Belgrade Spur off Rangeley Road; construction of a pedestrian sidewalk from Park Street to Hilltop Complex, along Rangeley Road; redesign of Munson Road from Hancock to Wingate halls; reconstructing or restricting traffic in some intersections.

In addition, MDOT requirements call for the closing of 10 lots (153 parking spaces) where vehicles have to back into traffic.

Complaints about insufficient parking on campus often have to do with perceptions, says Murphy. "There always is parking available in the outer lots, but people expect that there will be a spot available close to their building whenever they want. That simply can not happen without a sizable investment in our parking infrastructure, which will have to be primarily paid for by the users of our parking system."

Having a pedestrian-oriented campus has been a long-term goal for the University, says Rock, who has been a member of the UMaine Facilities Planning Committee, which drafted a master plan for campus in 1992 that set out principles for campus organization. The 10-year management plan is based on maintaining a campus core for pedestrians only. The only question is how large that core is going to be.

"Our hope is that we can separate traffic from people," says Rock. "Currently, I think it's an unsafe environment out there between classes with people desperately looking for parking and not paying attention to pedestrians, especially those randomly crossing the roads."

"The frustration is we can't let go of the expectations – the inertia – we have about parking on campus," says Rock. "We are a community here and as such, require compromises, one of which is parking. For instance, if we opt for perimeter parking, it will take us an extra five minutes to get to where we need to go on campus, but we'll gain a tranquil campus. At the same time, we must address the parking needs of visitors and those that must have center campus access. To accomplish this, we need the input of the campus community and we expect our draft report to generate that response. ▲

Positions Available

The qualifications within the listings below are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information. Guidelines for filling professional positions are available by contacting the Office of Equal Opportunity, x1226. A Request to Fill form must be approved before posting in Maine Perspective.

Assistant Professor/Speech-Language Pathology, Department of Communication Sciences and Disorders. Full-time, tenure-track faculty position. Qualifications: Required: Ph.D. and CCC-SLP; eligibility for Maine license in speech pathology. Preferred: Areas of expertise include: voice, augmentative communication, adult neurogenetics, or psycholinguistics. Review of Applications: Will begin 12/15/99. Start Date: Available 9/1/2000. Contact: Send letter, curriculum vita and names of three references to: D. Kimbrough Oller, Chair, Department of Communication Sciences and Disorders, University of Maine, 5724 Dunn Hall, Orono, ME 04469-5724. Telephone: (207) 581-2006; email: kimoller@maine.edu

Assistant to the Athletic Director, Department of Athletics. Full-time, fiscal-year appointment. Qualifications: Bachelor's degree in sports management or related field; experience in preparing and summarizing reports; excellent interpersonal, oral and written communication skills; strong organizational abilities; experience with Excel, Filemaker Pro and Microsoft Word. Salary Range: \$24,000-\$28,000. Review of Applications: Will begin 11/15/99. Contact: Send resume, letter of application including names, addresses and telephone numbers of three references to: Suzanne Tyler, Director of Athletics, 5747 Memorial Gym, Orono, ME 04469-5747.

Director of Marketing (REPOSTED), University Advancement position. Qualifications: Bachelor's degree required; master's preferred. Extensive marketing experience, preferably at an institution of higher education, which should include commissioning/conducting, analyzing, and utilizing market research in development and implementation of a marketing plan; project management; oversight of design and production of advertising, promotional, and collateral materials; coordinating unit marketing efforts of complex organization; and supervising staff and consultants. Must have excellent communication, organizational, and analytical skills; good aesthetic judgment; and demonstrated understanding of principles and processes of graphic design, broadcast production, advertising, direct mail marketing, and print production. Must show leadership, yet be able to work collaboratively with diverse colleagues and audiences. Review of Applications: Will begin 11/23/99; position will remain open until filled. Contact: Send cover letter relating job experience to position, up-to-date resume, and the names, addresses and phone numbers for at least three professional references to: Search Committee Chair, Director of Marketing Search, University of Maine, Heritage House, 101 College Ave., Orono, ME 04473.

Webmaster, University Advancement position. Qualifications: Required: Bachelor's degree. Several years of experience in marketing communications; substantial experience in Web design and technology and network administration, as well as working knowledge of development methodologies, database creation and management, third-part sources, and strategic development for information technology initiatives. Working knowledge of Web development tools, such as HTML, VB, Java Script, Microsoft FrontPage, Internet Explorer, Netscape, DHTML, and active content authoring. Preferred: Demonstrated familiarity with marketing communications, marketing research, evaluation, and project management. Salary Range: \$40,000-\$60,000. Review of Applications: Will begin 11/23/99; position will remain open until filled. Contact: Send cover letter relating job experience to position, up-to-date resume, and the names, addresses and phone numbers for at least three professional references to: Search Committee Chair, Webmaster Search, University of Maine, Heritage House, 101 College Ave., Orono, ME 04473.

Major Gift Officer, University Advancement position. Qualifications: Bachelor's degree; master's degree preferred. Substantial personal donor solicitation experience, preferably in a university environment; demonstrated excellent communication, presentation, interpersonal, and organizational skills, self-motivation and focus on achieving objectives; ability to work successfully as a team member in a complex campus community; demonstrated ability to work with diverse constituent groups. Significant amount of travel required, normally requiring a valid driver's license. Salary Range: \$50,000-\$60,000. Review of Applications: Will begin 11/23/99; position will remain open until filled. Contact: Send cover letter relating job experience to

position, up-to-date resume, and the names, addresses and phone numbers for at least three professional references to: Search Committee Chair, Major Gift Officer Search, University of Maine, Heritage House, 101 College Ave., Orono, ME 04473.

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time and the address for the application information is: the contact person listed, department, University of Maine, Orono, ME 04469.

Directory Changes

The Office of University Development and the Vice President for University Advancement are now located at Heritage House, 101 College Ave.

Office of University Advancement

Susan Reardon, Vice President for University Advancement, 581-1150
Joyce Henckler, Assistant to the Vice President, 581-1153
Karen Raymond, Administrative Associate, 581-1150
Lin Dosen, Secretary, 581-1151

Office of University Development

Kimberly Amato, Director of Advancement Communications, 581-1212
Cheryl Chessa, Director of Special Projects and Special Programs, 581-1155, cchessa@maine.edu
Kimberly Hickson, Bookkeeper, 581-1157
Candace Jordan, Administrative Assistant II, 581-3563
Barbara LaPlante, Administrative Assistant II, 581-3500
Peter Lewis, Manager, Gifts Processing/Technical Support, 581-1158
Sharon Melanson, Administrative Associate, 581-3565
Janice Melmed, Director of Development Services, 581-1160
Gary Porto, Director of Major Gifts, 581-1154
Diane Shepard, Administrative Assistant I, 581-3564

Phone Number Corrections

Robert Backer, 581-4051
William Clark, 581-4051
Elizabeth Eustis, 581-1509, elizabeth.eustis@umit.maine.edu
Christopher Gardner, 581-4048
Harold Kennedy, 581-4052
Eric Lane, 581-4051
Robert Stessel, 581-4393
Research & Sponsored Programs FAX NUMBER, 581-1446

Listings Omitted from the Directory

John Moring, Professor of Zoology, Biological Sciences, 313 Murray Hall, 581-2582, jmoring@maine.edu
Terry Haines, Professor of Zoology, Biological Sciences, 313 Murray Hall, 581-2578, haines@maine.edu
Sharon Tisher, Instructor, Resource Economics and Policy, 307 Winslow Hall, 581-3158, sharon_tisher@umenfa.maine.edu

New Student Programs, 581-1590

Reports to: Dean of Enrollment Management
201 Chadbourne Hall
Coordinator – Elizabeth Downing, 581-1558
Contact Person – Caroline Valle, Administrative Assistant, 581-1590
Fax Number, 581-1213

Campuswide Calendar

The University of Maine Master Calendar is a searchable electronic listing of on-campus events for the academic year that have been submitted for inclusion. The Web-based Master Calendar is located at www.calendar.umaine.edu and on FirstClass (in the News Stand folder).

If you have events already scheduled, send your listings electronically or by campus mail to the Master Calendar.

Library *continued from page 2*

be renovated after the Art Department and Museum of Art one day move to a new facility; Fogler would use the space for Special Collections, including the Cohen Collection.

This would provide about five years' growth space for bound journals in Fogler, plus about 4,000 square feet of user space. It would also free space in the library annex equivalent to another 2.5 years' growth for bound journals. However, the very earliest this space might be available, if it is assigned to the library at all, is probably two years from now. This is not in time to take care of the immediate problems.

Other options under consideration:

- ▼ Seek funds to put compact shelving in the library annex, effectively doubling its capacity and allowing the movement of a larger portion of the library's collections out of Fogler (perhaps all of Special Collections). Cost: probably more than \$500,000, perhaps approaching \$1 million. This solution could possibly be implemented in summer 2000 if the money is available.

- ▼ Find additional off-site storage space for lesser-used government documents, monographs and bound journals. This has the additional disadvantage of splitting the collection three ways instead of the present two, with resulting delays and increased paging costs.

- ▼ Find some other location within Fogler to shelve at least 14,000 volumes to provide two years' breathing room. This would require approximately 1,150 square feet, which would mean reducing user spaces by about 50. It would continue a trend which has gone on for several years (this past summer alone, the library reduced seating by about 60 in order to make room for new shelving in the monograph area, which is equally congested.) Fogler Library is now far below recommended levels for user seating and is reluctant to take away even more. Even after all the renovations are done and seating is restored to the current periodicals room, there will be about 10 percent less seating than was available only a few years ago.

- ▼ Move approximately 14,000 volumes of bound journals to the library annex, in order to make room for the next two years' worth of newly bound journals. (This move would fill most of the remaining empty shelves in the annex; it is now more than 85 percent full.) If this is done according to publication date, which is the simplest to explain and easiest to remember for library users, all pre-1956 journal volumes would go. In general these older volumes are less used, but there would be a significant increase in paging activity for library staff as these volumes are needed. Library management is leaning toward this temporary solution, with probable implementation in January.

- ▼ Reorganize the journal volumes that remain in the core stacks, so that the most used volumes would be on levels 1 and 2, and the lesser used volumes on levels 1B and 2B, which will be inaccessible as noted above. The aim of this shift is to minimize user frustration and staff time for retrieval of volumes from closed areas. (This is expected to be done in the summer.)

Fogler Library administrators are seeking suggestions or comments members of the University community may have on these problems and the proposed courses of action.

"We recognize that there is no ideal solution short of increasing the building size, and none of the above alternatives are desirable," says Elaine Albright, dean of Cultural Affairs and Libraries. "What we need is help in selecting the least problematic approach." ▲

Venus *continued from page 6*

It is estimated that Maine has more than 3,000 harness racing horses that compete from ages 2 to 14. However, most can only turn a profit for about six years, according to Fred Nichols, general manager for the Bangor Raceway. After they've passed their prime, the horses quickly lose value.

Pedrine, a stallion, was the first retired race horse to arrive at Witter's Horse Cooperative Barn in June 1998. With Kole, and Robyn Cuffey and Jaye Winkel of the Standardbred Pleasure Horse Organization (SPHO) contacting potential donors, the barn was at capacity by last November housing donated horses and student-owned equines.

Industry donors continue to offer the University more horses, according to Al Kezis, associate dean of the College of Natural Sciences, Forestry, and Agriculture.

"It seemed to me that we could raise the public's conception of harness racing by working with the University," says Kole, who helped secure a \$2,000 donation to UMaine from the Maine Harness Racing Promotion Board.

UMaine students involved in the equine program learn horse management, reproduction and training; internships in the equine industry also are available. The animals earn a second chance. Students train the retired racers to be pleasure horses under the supervision of Sandy Welsh, the University's trainer, and offer them for sale to the community, with proceeds returning to the equine program.

University horses, ridden by students, recently won ribbons at The Paul Bunyan show at Bass Park and at the SPHO sponsored show at the Witter Center. Most recently, in the SPHO show at the Common Ground Fair in Unity, a University horse named Jade was in-hand Grand Champion. ▲

Dialogue *continued from page 11*

Dialogue, Millett contacted a graduate school colleague with whom she had lost touch. What she found was that their once different artistic pursuits are now more similar than ever in the arena of medicine.

Brooke Knight has taken a page from the artist book, *Royal Road Test*. Working in collaboration with Owen Smith, Knight has replaced the typewriter Edward Ruscha, Patrick Blackwell and Mason Williams threw from a speeding car with a computer thrown from a moving truck. In their multimedia installation, *Road Apple Test*, Knight and Smith borrow from visualization methods and data categorization used in science.

Other UMaine artists and their chosen "dialogue" works: Michael Lewis – Zdzislaw Sikora; Jay Hanes, Eleanor Weisman and Hawk Weisman – Eleanor Coerr; David Decker – James Whistler; Wally Mason – Robert Motherwell; Elizabeth Dove – Hans Vehrenberg; Deborah de Moulpied – Erwin Hauer; Liane Judd – James W. Sewall Co.; Alan Stubbs – Rebecca Silberman; Siri Beckman – Barbara Petter Putnam; Cristin Millett – Kaersten Colvin-Woodruff.

"By showing related work drawn from the University Collection and beyond, viewers can get insights into what we're doing and interested in as individuals," says Smith, who, in addition to the collaborative work with Knight, is presenting one of his pieces with an Ellsworth Kelly print, which he chose for its abstraction.

"That's the dialogue, the discussion, the engagement between ourselves and the series of ideas of other artists and historical periods. Now, by putting our work next to a possible related work or source, we're allowing viewers to hear and participate in part of the dialogue." ▲

Social Science Research Council's Sexuality Research Fellowship Program supports research and research training that contribute to improved understanding of human sexuality, develop interdisciplinary approaches, and explore methodological innovation and diversity. Candidates with more than eight years of postdoctoral experience of research

in human sexuality are not eligible. Deadline: Dec. 15.

National Research Council conducts Postdoctoral and Senior Research Associateship Programs on behalf of more than 120 federal research laboratories. The programs provide opportunities for scientists and engineers to perform research on problems largely of their own choosing, but compatible with the interests of the host laboratory. Deadlines: Jan. 15, April 15, Aug. 15.

Procter & Gamble's University Exploratory Research Program seeks highly innovative basic or applied research relevant to P&G's businesses. Current interests center on two fields: a broad range of topics in microbiology, and processes for making nanoparticles. Maximum award: \$75,000 per year for up to two years. Deadline: Jan. 18.

National Institute of Justice invites proposals for investigator-initiated research and evaluation, exploring

creative ideas and innovative techniques to aid in shaping public policies that control crime and enhance justice. Deadline: Jan. 18.

U.S. Department of Defense makes grants to graduate students and faculty members for research addressing personnel security. Areas covered include trust and betrayal, automated monitoring and financial/credit, continuing evaluation and aftercare, utility analysis, vetting systems, forensic psychophysiology, and psychophysiological detection of deception.

National Institute on Drug Abuse funds investigator-initiated research on developmentally appropriate drug abuse prevention strategies for individuals, groups, and specific populations. Contexts of interest include the family, peer-group, school, workplace, neighborhood, and mass media as arenas for prevention from the intra-individual level to the policy level.

For more information, call Research & Sponsored Programs, x1476.

The University of Maine's winter overnight parking ban is in effect Nov. 1-May 1. All faculty, staff and commuter parking areas are closed to overnight parking during this period. No vehicles may be parked in these lots midnight-6 a.m. Those with questions should either consult a parking map or call the Parking Office, 581-4047 or the Public Safety dispatcher, 581-4040. Vehicles parked in violation of the ban will be towed at the owner's expense.

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

The Institutional Animal Care and Use Committee (IACUC) reminds investigators/instructors that no research, teaching, or testing activities using live vertebrate animals shall be initiated until the IACUC has approved a protocol for such use. Listed below are the meeting dates for the fall semester. Completed Protocol Review Forms should be submitted two weeks before the meeting date in order to be reviewed at that meeting. Protocol review forms and copies of the University's Policies and Procedures for the Humane Care and Use of Animals are available from Gayle Anderson, Office of Research and Sponsored Programs, 424 Corbett Hall, 581-1498. The information is also available at the ORSP Website, www.ume.maine.edu/~spd/index.html

PLEASE NOTE: There has been some confusion about work with fish or chicken embryos. IACUC approval is required for any work involving fish or chicken embryos if a notochord is formed. This includes their use in research, teaching or testing. The only time IACUC approval is not required for work with those embryos is when the work is conducted AND completed prior to the formation of a notochord.

IACUC meeting dates (submit protocols at least two weeks before meeting date): Nov. 16, Dec. 14.

ANDREW W. MELLON FELLOWSHIPS IN HUMANISTIC STUDIES

This year, 85 Mellon Fellowships will be awarded to promising students in humanistic studies who will begin their Ph.D. programs in fall 2000. Eligible fields include American studies, art history, classics, comparative literature, critical theory, cultural anthropology, cultural studies including all area studies, English literature, ethnic studies, ethnomusicology, foreign language and literature, history, history and philosophy of mathematics; history and philosophy of science, humanities; interdisciplinary studies; linguistics; music history and theory; philosophy, political philosophy, political theory; religious studies; rhetoric; and women's studies. The Fellowship covers graduate tuition and required fees for the first academic year, and includes a stipend of \$14,750. Eligible students, either seniors or graduates of the last five years who have not begun Ph.D. studies, must request applications by Dec. 7 and must submit completed applications by Dec. 21. Candidates must take the Graduate Record Examination General Test by Dec. 1. Internet: www.woodrow.org/mellon. For brochures and additional information, contact Doug Allen, professor of philosophy, 581-3860 or by FirstClass e-mail.

Send notices of upcoming campus events and any fall or spring schedules to *Maine Perspective* for inclusion in the UMaine Calendar.

What's Ahead

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**REGISTRATION FOR
SPRING 2000 BEGINS
November 8**

**UNIVERSITY OF MAINE
OPEN HOUSE
November 11**

**"SO HOW WELL IS THE
COLLEGE CURRICULUM
RECOGNIZING SOCIAL AND
ECONOMIC CLASS?
November 11**

**WHEN YOU COMIN' BACK,
RED RYDER?
November 17-21**

The University of Maine
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Department of Public Affairs
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